

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

**Executive Summary, Curriculum Vitae:** Steven A. Seifert, MD, FAACT, FACMT

**Licensure(s):** New Mexico; Arizona; Nebraska

**Certification(s):** NBME; ABMS/ABEM in Medical Toxicology

**Education:** BS w/ Honors & w/ Distinction, Cornell University; MD, University of Cincinnati; Residency, University of AZ; Fellowship, University of Colorado/Rocky Mountain Poison Center; Medical Editing, University of Chicago

**Current Position(s):** Professor, with Tenure, University of New Mexico School of Medicine; Medical Director, New Mexico Poison and Drug Information Center; Editor In Chief, Clinical Toxicology

**Recognition and Honors (selected):** Volunteer Faculty Award, NM College of Pharmacy; Presidential Merit Award, American Academy of Clinical Toxicology; Founder Award, North American Society of Toxinology (NAST); Top Presenter Evaluation, Venom Week V; Distinguished Alumni Award, University of Cincinnati College of Medicine; Senior Reviewer, *Annals of Emergency Medicine*; Outstanding Reviewer, *Toxicon*, Elected Fellow, American Academy of Clinical Toxicology; Elected Fellow, American College of Medical Toxicology; Governor's Special Recognition Award, State of Arizona; U.S. Presidential Service Award nominee, State of Arizona; Tucson J.C. Penny Golden Rule Finalist Award; Best Scientific Paper, North American Congress of Clinical Toxicology (NACCT); Elected Fellow, American College of Emergency Physicians; B.S. Degree with Honors and with Distinction, Cornell University; Regents Scholar, New York State; Letter of Commendation, National Merit Scholarship

**Professional Societies (selected):** World Association of Medical Editors; North American Society of Toxinology (NAST; Founding member, Past-President, Treasurer, Venom Week Symposium Chair); International Society on Toxinology (World Congress Co-Chair); American Association of Poison Control Centers (Member/Secretary Board of Directors); American College of Medical Toxicology (Fellow, Former Member Board of Directors); American Academy of Clinical Toxicology (Chair, Envenomations Special Interest Group); American College of Emergency Physicians (Fellow); Society for Academic Emergency Medicine (National Committee Chair)

**Extramural Professional Activities (selected):** Editor-in-Chief, Clinical Toxicology (2017-present), Lead Clinician, Antivenom Index Medical Advisors; State of New Mexico, Governor's Advisory Council on Prescription Opioid Deaths, 2012-2018; FDA Advisory Steering Committee, CBER; *Urgent Matters* Editorial Board; POISINDEX, Editorial Board; *Clinical Toxicology*, Associate Editor, Senior Editorial Board and Toxicology History Section Editor; World Health Organization, Manuscript Peer Review; Nebraska Alliance for Drug Endangered Children BOD; Medical Toxicology Certification and Recertification Exams, Standards Setting Panel; Tucson Rape Crisis Center BOD; AZ Governor's Task Force on Sexual Assault; Special Study Section 8, National Institutes of Health (NIH); Clinical investigator, Site PI, human trials of etodolac, and CroFab, Anavip and Analatro antivenoms.

**National/International Meetings and Sessions Chaired (selected):** Faculty, Short Course in Toxinology, North American Snake Envenomations, Adelaide, Australia, 2014; Chair, 17th World Congress, International Society on Toxinology (IST) and Venom Week 2012, 4th International Scientific Symposium; AACT Envenomations Special Interest Group Symposium; Chair, Venom Week 2009; Venom Week 2007; American College of Medical Toxicology Spring Course; Chair, Venom Week 2005; Developer, ATSDR/ACMT Conference on Chemical Agents of Opportunity; Session Moderator, Conference on Contemporary Drug Abuse: Fetal effects, European Association of Poison Centres and Clinical Toxicologists (EAPCCT).

**Community Service (selected):** New Mexico Jazz Workshop Board of Directors & Vice President; "Arts in Medicine" UNMH concert series; New Mexico Game and Fish Department carfentanil protocol; AAPCC Coral snake brochure/PowerPoint; Nebraska Statewide Alliance for Drug Endangered Children; Tucson Rape Crisis Center BOD; Omaha Henry Doorly Zoo consultant; AZ Governor's Task Force on Sexual Assault; NM Governor's Advisory Council on Opioid Deaths

**Original research or scholarly articles in refereed journals:** 78

**Medical Books: Authored or co-authored chapters:** 28

**Journal/Book (as editor):** 11

**Refereed presentations at professional meetings (w/ published abstract):** 106

Personal Profile, UNM Website:

<https://vivo.health.unm.edu/individual?uri=http%3A%2F%2Fvivo.health.unm.edu%2Findividual%2F5104&extra=true>

Wikipedia entry: [https://en.wikipedia.org/wiki/Steven\\_Seifert](https://en.wikipedia.org/wiki/Steven_Seifert)

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

Date: August, 2021

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Scopus Author ID: 7004426583

Wikipedia page: [https://en.wikipedia.org/wiki/Steven\\_Seifert](https://en.wikipedia.org/wiki/Steven_Seifert)

Scopus h-index: 21 (<https://www.scopus.com/authid/detail.uri?authorId=7004426583>)

### Licensure(s) with Date(s):

- New Mexico 4/07 – present
- Arizona, 9/77 – present
- Colorado, 5/97 – present, inactive
- Nebraska, 5/78-5/79; 2/01 – present
- Florida, 11/96 – 11/89

### Certification(s) with Date(s):

- Diplomate, National Board of Medical examiners, I/II/III, 1977
- Diplomate, American Board of Medical Specialties
  - American Board of Emergency Medicine (ABEM):
    - Certified 5/84
    - Recertified, 12/94
    - Recertified, 12/04, expired 12/31/14
  - Medical Toxicology Sub-board (ABEM):
    - Certified 2/99
    - Recertified 12/08; Recertified 11/16; valid until 12/31/28
- Advanced Certificate, Medical Writing and Editing, University of Chicago, 2017.
- Certification of completion:
  - *Handling of Radiation Accidents by Emergency Personnel*. Radiation Emergency Assistance Center/Training Site (REAC/TS), Oakridge, TN, April 19 - 22, 2005

### Educational History:

- University of Chicago Graham School, in Medical Editing Certification Program. Certification, 10/16; Advanced Certification 3/17.
- Fellowship, 2/97 – 1/99, University of Colorado/Rocky Mountain Poison and Drug Center, Denver CO, Medical Toxicology
- Residency, 7/76 – 6/77, University of Arizona College of Medicine, Tucson, AZ, Family Practice,
- M.D., 8/76, University of Cincinnati College of Medicine, Cincinnati, OH, Medicine
- B.S. with Honors and with Distinction, 5/72, Cornell University, Ithaca, NY, Biological Sciences

## **Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format**

### **Current Employment**

- University of New Mexico School of Medicine, Dept. of Emergency Medicine
  - Professor, 7/07 – present; with Tenure, 3/08
  - Medical Director, New Mexico Poison and Drug Information Center, 7/07 – present
- Clinical Toxicology (Taylor & Francis)
  - Associate Editor, 1/14-12/16
  - Editor-in-Chief, 1/17 – present

### **Former Employment:**

- University of Nebraska Medical Center, Dept. of Emergency Medicine
  - Professor, 9/03 – 6/07; with Tenure, 3/06
  - Professor, Adjunct 7/07 – 6/07
  - Associate Professor, Adjunct 8/01 – 8/03
  - Medical Director, Nebraska Regional Poison Center, 7/03 – 6/07
- Poison Center, 6/01 – 6/03, Children's Hospital, Omaha, NE
  - Medical Director
- Emergency medicine, 12/83 – 6/01, Kino Community Hospital, Tucson, AZ
  - Staff physician
- Emergency medicine, 8/81 – 11/83, University Medical Center, Tucson, AZ
  - Clinical Lecturer, 1/93 – 6/01
  - Clinical Assistant Professor, 7/82 – 6/87
  - Lecturer, 8/81 – 6/82
- Emergency medicine, 6/79 – 3/81, John C. Lincoln Hospital, Phoenix, AZ
  - Staff physician
- Emergency medicine, 5/78 – 5/79, Archbishop Bergan Mercy Hospital, Omaha, NE
  - Staff physician
- Emergency medicine, 10/77 – 4/78, Hoemako Hospital, Casa Grande, AZ
  - Staff physician
- Contract Physician, Indian Health Service, Sells, AZ, 7/77-10/77
  - Staff physician
- Kino Community Hospital 12/83 – 6/01
  - Attending Physician, Emergency Medicine/Toxicology, 11/83 – 6/01
  - Associate Director, Department of Emergency Medicine, 7/87 – 6/01
  - Acting Director, Department of Emergency Medicine, 11/83 – 4/85
  - CEO/Managing Partner, Kiva Emergency Physicians, 6/87-6/01

### **Concurrent Courtesy Appointments**

- Department of Pediatrics and Department of Pharmacology, 9/03 – 6/07, Courtesy appointments, University of Nebraska Medical Center, Omaha, NE
- Clinical Associate Professor, 10/01 – 6/07, Creighton University Medical Center, Omaha, NE
- Medical toxicology, 8/99 – 6/01, Arizona Poison and Drug Information Center, University of Arizona, Tucson, AZ (volunteer)
- Associate in Pharmacology and Toxicology, 3/00 – present, University of Arizona, College of Pharmacy, Tucson, AZ

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

### Hospital and Regional Committees

- University of New Mexico, Albuquerque, NM
  - Pharmacy and Therapeutics Committee, 7/07 – present
    - Medication Safety Subcommittee, 3/11 – present
  - Gold-Headed Cane (GHC) Award Committee, 2010 – present
    - Founding member/*ex officio* GHC Society
- University of Nebraska Medical Center, Omaha, NE
  - Section Chiefs Committee, 9/01 – 6/07, Department of Pediatrics
  - Pharmacy and Therapeutics Committee, 1/05 – 6/07
- Pima County, AZ
  - Chair, Transplant Medical Review Board, 1/93 – 6/01, Pima County, AZ
  - Medical Director, Health Care Financing, 1987 – 6/01, Pima County, AZ
- Kino Hospital, Tucson AZ
  - Chair, Bioethics Committee, 1/92 – 1/01
  - Chair, Institutional Review Board, 1/92 – 1/01

### Professional Recognition and Honors:

- **Elected Fellow**, European Association of Poisons Centres and Clinical Toxicologists (EAPCCT), 2021
- **Volunteer Faculty Award, Pharmaceutical Sciences**, UNM College of Pharmacy, 2019.
- **Presidential Merit Award**, American Academy of Clinical Toxicology (AACT), 2018.
- **Founder Award**, North American Society of Toxinology (NAST), 2018.
- **Service Appreciation Award**, Board of Directors, American Association of Poison Control Centers, 2012.
- **Distinguished Alumni Award**, University of Cincinnati College of Medicine, 2011.
- **Elected Fellow**, American Academy of Clinical Toxicology, 2008
- **Special Professional Achievement Award**, University of Nebraska Medical Center, 2003; 2004; 2005
- **Recognition Award**, Nebraska Regional Poison Center, 2003
- **Elected Fellow**, American College of Medical Toxicology, 2001
- **Exemplary Service Award**, Arizona Poison and Drug Information Center, 2001
- **Governor's Special Recognition Award**, State of Arizona, for service on Governor's Task Force on behalf of victims of sexual assault, 2000
- **U.S. Presidential Service Award nominee**, State of Arizona, for volunteer work on behalf of victims of sexual assault, 1997
- **Finalist Award**, Tucson J.C. Penny Golden Rule Awards, for establishment of a citywide Forensic Nurse Examiner Program, 1996
- **Recognition Award**, Tucson Rape Crisis Center Board of Directors, For Outstanding Contributions, 1995, 1997, 1999
- **Dedicated Service Award**, Society for Academic Emergency Medicine, 1992
- **Elected Fellow**, American College of Emergency Physicians, 1984
- **Bachelor of Science, with Honors and with Distinction**, Cornell University, 1972
- **Regents Scholar**, New York State, 1968
- **Letter of Commendation**, National Merit Scholarship, 1968

**Professional Recognition and Honors (Publication- & Presentation-Related)**

- **6<sup>th</sup> Most Downloaded Article, 2019**, *Clinical Toxicology*. Levetiracetam in toxic seizures.
- **Research Award, 2<sup>nd</sup> place**. New Mexico ACEP Regional Meeting, Comparison of F(AB')<sub>2</sub> and FAB Antivenoms in Rattlesnake Envenomation: First Year's Post-marketing Experience with F(AB')<sub>2</sub> in New Mexico. (Presenter: Danielle Mascarenas)
- **Landmark Paper Citation** for "Unified Treatment Algorithm for the Management of Crotaline Snakebite in the United States: Results of an Evidence-Informed Consensus Workshop," Lavonas EJ, Ruha AM, Banner W, et al. in "50 Landmark Papers every Acute Care Surgeon Should Know, CRC Press, Eds Cohn SM, Rhee P.
- **AAPCC Free-to-View selection in *Clinical Toxicology***: "Levetiracetam in toxic seizures" 2019
- **Top 25% most downloaded eBooks** in its respective eBook Collection, 2018, *Clinical Toxicology*, Springer
- **Outstanding Author Award**, UpToDate, 2017.
- **Top Presenter Evaluation**, Venom Week V, for the Keynote presentation, "The Dynamics and Kinetics of the Venom-Antivenom Dance," 2016
- **Top Ten Articles Downloaded**, 2015, *Clinical Toxicology (Phila)*: Comparison of F(ab')<sub>2</sub> versus Fab antivenom for pit viper envenomation: A prospective, blinded, multicenter, randomized clinical trial.
- **Top Five Cited Articles**, 2015, *Clinical Toxicology (Phila)*: An analysis of energy-drink toxicity in the National Poison Data System.
- **Outstanding Reviewer Award**, *Toxicon*, Top 10% of reviewers, 2015
- **Top News Item**, American Heart Association Scientific Sessions, for the abstract: Energy Drink Exposures in the National Poison Data System: Epidemiology and Clinical Effects. (Presenter: Steven Lishultz). News items estimated to have reached over 450 million people, 2014.
- **Top 10 Full-Text Article Downloads**, *Clinical Toxicology (Phila)* for the manuscript: An analysis of energy-drink toxicity in the National Poison Data System. 2014
- **Best Poster**, Loma Linda University School of Medicine Annual Postgraduate Conference, Loma Linda, California, 2011.
- **Top 25 Download Author**, *Annals of Emergency Medicine*, 2009: "Expert Consensus Guidelines for Stocking of Antidotes in Hospitals That Provide Emergency Care,"
- **Senior Editorial Board**, *Clinical Toxicology*, 2008 – 2014
- **Senior Reviewer**, *Annals of Emergency Medicine*, for sustained excellence in peer review, 2005, 2006, 2007, 2008, 2009, 2010.
  - Top Peer Reviewer Award, *Annals of Emergency Medicine*, 2002; 2003; 2005; 2007; 2008; 2009
- **Best Scientific Paper**, North American Congress of Clinical Toxicology (NACCT), 1994

**Memberships in Professional Societies**

- World Association of Medical Editors (WAME)
  - Full Member, 2017 – present
- North American Society of Toxinology (NAST), 2012 – 2018
  - Founding member
  - President, 2012 – 2016

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- Treasurer, 2016 - present

### Memberships in Professional Societies (continued)

- International Society on Toxinology (IST), 2010 – present
  - Co-chair, 17<sup>th</sup> World Congress, 7/12
- American Association of Poison Control Centers (AAPCC), 3/99 – present
  - Board of Directors, 9/05 – 9/08; 9/09 – 9/12
    - Secretary of the Board, 10/10 – 9/12
    - Bylaws Committee, 11/08 – 10/10
    - Finance Committee, 9/12 – present
    - Membership Agreement Committee, 9/12 – 9/13
    - Publications Committee, 9/12 – 4/13
- American College of Medical Toxicology (ACMT), 3/98 – present
  - Fellow, 10/01-present;
  - Board of Directors, 9/04 – 9/07
    - Chair, Grants and Contracts Committee, '04 – '05
    - Chair, Membership Committee, '06 – '07
- American Academy of Clinical Toxicology (AACT), 12/97 – present
  - Elected Fellow, 2008
  - Chair, Envenomations Special Interest Group, '07 – '10
- Am. College of Emergency Physicians (ACEP), 5/78 – 7/08
  - Fellow, 10/84–3/08; Life Fellow, 3/08
  - Board of Directors, Arizona-ACEP, 2/83-2/85, 7/94-7/96
- Society for Academic Emergency Medicine (SAEM), 5/89 – 7/08
  - Technology Committee, 5/89 - 5/94, Chair, 5/90-5/93

### Extramural Professional Activities:

- Chair, New Mexico chapter, Cornell Alumni Admissions Ambassador Network (CAAAN), 2020
  - Member, Tucson, Omaha, Albuquerque, chapters, 1981 - present
- Guest Co-Editor, Toxicon, Special Issue, Full manuscripts from Venom Week 2020
- Guest Co-Editor, Toxicon, Abstracts from Venom Week 2020.
- Member, coordinating committee, Venom Week 2020, Gainesville, FL 3/20
- Member, Scientific and Meetings Committee, and Abstract Reviewer, 2019 Annual Meeting, European Association of Poison Centres and Clinical Toxicologists (EAPCCT), Naples, Italy, 5/19
- Co-Coordinator, Venom Week VI, Texas A&M Kingsville, Kingsville Tx, March 2018.
- Editor-in-Chief, Clinical Toxicology (Taylor & Francis), 1/17 - present
- Member, Scientific and Meetings Committee, and Abstract Reviewer, 2018 Annual Meeting, European Association of Poison Centres and Clinical Toxicologists (EAPCCT), Bucharest, Romania, 5/18
- Member, Scientific and Meetings Committee, and Abstract Reviewer, 2017 Annual Meeting, European Association of Poison Centres and Clinical Toxicologists (EAPCCT), Basel, Switzerland, 5/17
- Toxicology Investigators Consortium (ToxIC); Site Lead Investigator, 2013 - present
- Board of Directors, New Mexico Jazz Workshop, 2016 – present
- North American Society of Toxinology (NAST)
  - Inaugural President, 2012 – 2016
  - Treasurer 2016 – 2018

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- Re-elected Treasurer 2018 - present
- Associate Editor, *Clinical Toxicology (Phila)*, 2014 – 2016
- Member, International Scientific Programme Committee, 18th IST World Congress, Oxford (UK) 25-30 September 2015
- Faculty, Short Course in Toxinology 2014, University of Adelaide, Australia, 4/14
- Chair, NPDS Publication Review Group, AAPCC, 2013 – 2014.
- Member (UNM Representative), State of New Mexico, Governor's Advisory Council on Prescription Drug Misuse and Overdose Prevention and Pain Management, SB215. 2012 – 2018.
- Member, New Mexico House Memorial 77 Prescription Drug Task Force, 2011 – 2012
- Chair, Continuing Professional Development Task Force, AAPCC 2010 – 2012.
- Member, New Mexico Ad-hoc Task Force on prescription-related fatalities, 2009 – 2011
- Clinical investigator, Site PI, Human trials of Anavip crotalid antivenom, 2008 – 2011, Silanes/Bioclon, Inc.
- Member, Standard Setting Panel, Medical Toxicology Certification Exam, American Board of Emergency Medicine, 12/16
- Member, Board of Advisors, Venom Immunochemistry, Pharmacology and Emergency Response (VIPER) Institute and Member, Remote Entry Global Information System for Translational Envenomation Research (Project REGISTER), University of Arizona College of Medicine, 2009 – 2016.
- Member, Steering Committee, FDA Advisory Committee on coral snake antivenom, 11/08 – 10/11
- Editorial Boards
  - *Urgent Matters*, Member, Editorial Board (AAPCC Representative), Center for Health Care Quality, George Washington University Medical Center School of Public Health and Health Services. 2013 – 2016
  - POISINDEX, Member, Editorial Board, 4/99 – 7/01
  - *Clinical Toxicology(Phila)*,
    - Associate Editor, 12/14 - present
    - Member, Senior Editorial Board, 11/08 – 11/14
    - Toxicology History Section Editor, 1/13 – present
- Manuscript Peer Reviewer (core)
  - *Annals of Emergency Medicine*, 12/94 – 2016
  - *Clinical Toxicology (Phila)*, 10/99 – present
  - *Journal of Medical Toxicology*, 8/05 – 2016
  - *Toxicon*, 8/12 - present
- Manuscript Peer Reviewer (ad hoc)
  - *NEJM*, 2009, 2016
  - *Journal of Pediatrics*, 2001
  - *Wilderness Medicine*, 2005
  - *Academic Emergency Medicine*, 1997
- Other Peer Review
  - AACT/North American Congress of Clinical Toxicology (NACCT) Abstract Review Committee, 2003, 2004, 2005, 2006, 2007
  - Peer Reviewer for World Health Organization manuscript on medically important snakes, 2008
- Panelist, Antidote Summit, Washington DC, 3/08
- Member, Board of Directors, 5/06 – 6/07, Nebraska Alliance for Drug Endangered Children

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- Member, Standard Setting Panel, Medical Toxicology Recertification Exam, American Board of Emergency Medicine, 12/04
- Region VII Representative, 9/03 – 6/07, ACMT / ATSDR Cooperative Agreement
- Consultant, venomous animals, 3/02 – present, Henry Doorly Zoo, Omaha, NE
- Panel member, 3/02–3/07, Medical Working Group of the Child Endangerment Subcommittee of the Precursor Committee of the High Intensity Drug Traffic Area (HIDTA) Planning effort for Nebraska
- Board of Directors, 4/93 – 12/00 (Treasurer, 1994), Med. Director (volunteer) of Sexual Assault Resource Service, 6/95–5/97, Tucson Rape Crisis Center, Tucson, AZ
- Governor’s Task Force on Sexual Assault, 1/99 – 12/99, State of Arizona
- SBIR, Special Study Section 8, Multidisciplinary Special Emphasis Panel (Grant Review), National Institutes of Health (NIH), 1992 – 1997
- Clinical investigator, Site PI, Human trials of polyvalent crotalid antivenom, Ovine Fab, 1993 – 1998, Therapeutic Antibodies, Inc.

### Invited lectures

- 2021, Methanol in Hand Sanitizers, Zuni Pueblo Health Center Webinar
- 2020, Presbyterian Hospital System Pharmacists, Webinar on Methanol Poisoning
- 2020, ACMT Webinar, Methanol poisonings from hand sanitizers in New Mexico
- 2020, Project ECHO, Impact of Poisonings and Envenomations in Primary Care, Albuquerque, NM, Statewide Zoom Webinar
- 2019, New Mexico Pediatric Society Annual Meeting, Medical issues with Cannabis. Albuquerque, NM
- 2016, Venom Week V, Keynote Speaker: Kinetics and Dynamics of Antivenoms.
- 2015, North American Congress of Clinical Toxicology (NACCT), AACT/ACMT Pre-Congress Meeting, Keynote presentation:
  - Non-native envenomations
- 2015, 18<sup>th</sup> World Congress of the International Society on Toxinology (IST), Oxford, UK, September, 2015, Keynote presentations:
  - Anavip Phase 3 Clinical Trial
  - Non-native envenomations
- 2014, Department of Pediatrics, Resident Update.
- 2014, Office of the Medical Investigator/UNM Dept. of Pathology: Toxicology for the Forensic Pathologist.
- 2014, Albuquerque Ambulance Critical Care Team: Pre-hospital Management of Snakebite.
- 2014, UNMSOM Dept. of Psychiatry: The Toxicology of Psychiatric Medications.
- 2014, UNMSOM Dept. of Orthopedics Grand Rounds: Cobalt Toxicity in Metal-on-Metal Hip Prostheses.
- 2014, NMACEP Emergency Medicine Symposium, What’s New in North American Snakebite. New Mexico ACEP, Albuquerque, NM
- 2014, North American Snake Envenomations, Short Course in Toxinology, University of Adelaide, Australia.
- 2014, Research utilizing poison center databases, Center for Molecular Discovery, UNM Informatics Dept. Albuquerque, NM
- 2014, ACMT National Course on Methamphetamine. Faculty, Albuquerque, NM.
- 2014, Statewide RHEO Webinar: The agitated Patient.
- 2013, Statewide RHEO Webinar: Methemoglobinemia
- 2013, Statewide RHEO Webinar: Snakebite



## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- 2013, Keynote Presentation: Exotic Envenomations, Pan-American Chapter, International Society on Toxinology and the Brazilian Society of Toxinology, Sao Paulo, Brazil.
- 2013, Continuous infusion of Fab antivenom. Pan-American Chapter, International Society on Toxinology and the Brazilian Society of Toxinology, Sao Paulo, Brazil.
- 2013, UNMSOM Dept. of Pediatrics Lecture Series, Albuquerque, NM
- 2013, UNMSOM Dept. of Psychiatry Lecture Series, Albuquerque, NM
- 2013, UNMSOM Internal Medicine Lecture Series, Albuquerque, NM
- 2013, New Mexico ACEP Annual Conference, Designer Drugs, Albuquerque, NM.
- 2013, "Richard Mead," Toxicology History Association Webinar.
- 2012, Gerald Champion Hospital, Evaluation and management of snake envenomations, Alamogordo, NM.
- 2012, Statewide RHEO Webinar: Designer Drugs
- 2012, Duval County Juvenile Justice Board of Directors. Synthetic cannabinoids and synthetic cathinones, Bernalillo, NM.
- 2011, Bath salts, synthetic marijuana and new antivenoms. UNM Dept. of Pediatrics Grand Rounds, Albuquerque, NM.
- 2011, Recurrent, persistent or late, new onset hematologic abnormalities in snakebite. Biology of the Rattlesnake 2, Tucson, AZ
- 2011, Nephrotoxic exposures. UNM Dept. of Nephrology Grand Rounds, Albuquerque, NM
- 2011, Snakebite, UNM Dept. of Surgery Grand Rounds, Albuquerque, NM
- 2010, Grand Rounds, New approaches to the management of the poisoned patient. New Mexico Hospitals Provider Toxicology Education Project
  - Las Cruces x 2, Silver City, Deming, Alamogordo, and Ruidoso Hospitals
- 2010, "Snakes and Spiders and Scorpions, Oh my!" New Mexico Association of Physician Assistants, 30<sup>th</sup> Primary Care Conference, Albuquerque, NM
- 2010, Grand Rounds, Pediatric Snakebite, UNM Dept. of Pediatrics, Albuquerque, NM.
- 2009, Grand Rounds, New approaches to the management of the poisoned patient. New Mexico Hospitals Provider Toxicology Education Project
  - Crownpoint, Zuni, Tucumcari, Acoma-Laguna, Roswell, Hobbs, Carlsbad, Presbyterian Downtown, Truth or Consequences, Gallop, Grants and Cibola Hospitals
- 2009, Grand Rounds, Neurotoxicology, UNM Dept. of Neurology, Albuquerque, NM.
- 2009, Health Force Protection Conference, Weapons of Opportunity in Water, Food and Medications. Albuquerque, NM
- 2009, Testimony before the FDA Blood Products Advisory Committee meeting on coral snake antivenom, Washington, DC
- 2009, New Mexico Pharmacy Association Annual Meeting, Albuquerque, NM
- 2009, Coral snake antivenom meeting, FDA/NIH, Washington DC
- 2008, Terrorist Weapons of Opportunity and Clinical Effects of Methamphetamine Exposure, HazMat Expo, Las Vegas, NV.
- 2008, Grand Rounds, Project Echo, University of New Mexico, Snakebite.
- 2008, Grand Rounds, New approaches to the management of the poisoned patient. New Mexico Hospitals Provider Education Project
  - Los Alamos, Espanola, Raton, Taos, Farmington, Clayton and Shiprock Hospitals
- 2008, UNM Psychiatry Resident Lecture Series: Evaluation of the altered patient: Toxicologic considerations.

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- 2008, UNM Dept. of Neurology Grand Rounds, Snakes on a plain...and everywhere else.
- 2008, ACMT Terrorist Weapons of Opportunity Course, Contamination of Water, Food and Medications. 11<sup>th</sup> Annual Force Health Protection Conference, US Army Center for Health Promotion and Preventive Medicine (CHPPM).
- 2008 Wilderness Medical Society, Management of Snakebites.
- 2008, UNM/ACEPNM Emergency Medicine Symposium. Snakebites in the Southwest.
- 2008, Pediatric Grand Rounds, Pediatric considerations in venomous snakebite. University of New Mexico School of Medicine.
- 2008, Surgery Grand Rounds, Surgical approach to the poisoned patient. University of New Mexico School of Medicine.
- 2007, Emergency Medicine Interest Group, Medical Toxicology, University of New Mexico School of Medicine.
- 2007, Snakebite. Albuquerque Herpetological Society.
- 2007, Snakes on a plain...and everywhere else. Pediatric considerations in venomous snakebite, Pediatric Grand Rounds, The Children's Hospital at Monefiore, Albert Einstein College of Medicine, NYC, NY.
- 2007, TESS-based Characterization of Toxic Nephropathy. Nephrology Distinguished Lecture Series, Albert Einstein College of Medicine, NYC, NY.
- 2007, The Online Antivenom Index. Long Island Poison Center, Mineola, NY.
- 2007, The Online Antivenom Index. American College of Medical Toxicology Spring Course, Miami, FL.
- 2007, Clinical effects of methamphetamine. Wayne State University, Detroit, MI.
- 2007, Pre-hospital management of the poisoned patient. Alegent Hospital System, Omaha, NE.
- 2006, American College of Medical Toxicology Spring Course, Phoenix, AZ
  - Case studies on clandestine methamphetamine labs.
  - Methamphetamine use/abuse patterns, signs and symptoms and legal issues.
  - Environmental and Individual chemical hazards in the manufacture of methamphetamine.
- 2006, Chemical hazards of clandestine methamphetamine labs. PaACEP Annual Scientific Assembly. Pittsburgh, PA
- 2006, Snakes of the Midwest. University of Kansas Toxicology Symposium, Kansas City, KS
- 2006, Prehospital and hospital salicylate protocols. Midwest Regional Poison Interest Group, Web Conference
- 2006, Methamphetamine lab exposure medical protocol. Nebraska Alliance for Drug Endangered Children Conference, Omaha, NE
- 2005, Child and adolescent substance use and abuse: What your kids find in the medicine cabinet, under the sink, and on the street. Nebraska Nurses Association, Omaha, NE
- 2005 Recurrence phenomena in rattlesnake bite. Biology of the Rattlesnake Symposium, Loma Linda University, Loma Linda CA
- 2005, Chemical and Biologic Contamination of Food and Water. Region 4 CDC Emergency Preparedness Annual Conference, Atlantic, IA
- 2005, Poison center medical error reduction and improvement of scorpion sting management by a modified callback protocol. Pediatric Research Forum, Dept. of Pediatrics Creighton University & University of Nebraska Medical Center, Omaha, NE

## **Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format**

- 2004, Case-based approach to the poisoned patient. Rural Emergency Medicine Conference, Omaha, NE
- 2004, Chemical and Biologic Contamination of Food and Water. Nebraska Environmental Health Association, Mahoney State Park, NE
- 2004, Chemical and Biologic Contamination of Food and Water, 7th Annual Force Health Protection Conference, Center for Health Promotion and Preventive Medicine, Albuquerque, NM
- 2004, Preparing for non-native envenomations, American Zoological Association Taxon Advisory Group, National Meeting, Houston, TX
- 2004, Chemical and Biologic Contamination of Food and Water, ATSDR/ACMT Conference on Chemical Agents of Opportunity for Terrorism: Preparedness and response, Kansas City, KS
- 2004, Snakebites in the Midwest. Kansas Toxicology Conference, Kansas City, KS
- 2004, Snakebites in the Midwest. 2004 Kansas Toxicology Conference, Kansas City, KS.
- 2004, Chemical and Biologic Contamination of Food and Water. 2004 ATSDR/ACMT Conference on Chemical Agents of Opportunity for Terrorism: Preparedness and response, Kansas City, KS.
- 2003, Preparing for and managing non-native envenomations. 2003 Midwest Herpetological Symposium, Omaha, NE.
- 2003, Organic Dust Toxic Syndrome and related pulmonary exposures. 2003 American College of Occupational and Environmental Medicine, State-of-the-Art Conference, Toronto, CANADA.
- 2003, Organic Dust Toxic Syndrome and related pulmonary exposures. American College of Occupational and Environmental Medicine, State-of-the-Art Conference, Toronto, CANADA
- 2003, Poison center medical error detection and prevention. 2003 American Association of Poison Control Centers, Mid-year Meeting, Atlanta, GA.
- 2003, Photo Exhibit: Heloderma envenomation. 2003 Society for Academic Emergency Medicine Annual Meeting, Boston, MA.
- 2002, Old poisons, new problems. Arsenic contamination of museum artifacts. National Conference of Tribal Archives, Museums and Libraries, Mesa, AZ.
- 1999, Recurrence of local and systemic symptoms of crotaline envenomation in Fab' antivenom treated patients: Pharmacokinetics and pharmacodynamics of immunoglobulins. Savage Pharmaceuticals Snakebite Symposium, 1999, La Jolla, CA
- 1995, Update on Snakebite Treatment / Preliminary Results of Polyvalent Crotalid Ovine Fab Study, Technology Luncheon, Society for Academic Emergency Medicine 1995, San Antonio, TX
- 1985, A 'New' Medicine: What's Needed Besides a Changed Organization of Health Care? American Public Health Association 1985, Washington, DC
- 1982, Trauma Care National Conference, Scottsdale, AZ
- 1979, Saint Luke's Poison Center, Bedside determination of pharmacokinetic parameters of aminoglycoside antibiotics and modification of dose regimens on the fly. Phoenix, AZ.

### **National/International Meetings and Sessions Chaired:**

- Co-Chair, Clinical Toxinology, Session 10, 18<sup>th</sup> World Congress, International Society on Toxinology (IST), Oxford, UK, September, 2015.
- Co-Organizer and Co-Chair, 17th World Congress, International Society on Toxinology (IST) and Venom Week IV (2012), 4th International Scientific Symposium, Honolulu, HI. 2012

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- Session Moderator, AACT Envenomations Special Interest Group Symposium, 2010 NACCT, Denver, CO, 2010
- Symposium Organizer and Chair, Venom Week III (2009), Albuquerque, NM. 2009
- Co-organizer, Organizer, Working Group on Local Injury Venom Week 2007, Tucson, AZ. Symposium 2007,
- Methamphetamine Labs Course Developer and Meeting Co-Director, Spring Course, American College of Medical Toxicology Phoenix, AZ. 2006
- Symposium Organizer and Chair, Snakebites in the New Millennium: A State-of-the-Art Symposium, Omaha, NE. 2005 (Renamed Venom Week I).
- Course Organizer and Director, ATSDR/ACMT Conference on Chemical Agents of Opportunity for Terrorism: Preparedness and response, Kansas City, KS, 2004
- Session Moderator, Contemporary drug abuse: Fetal effects, European Association of Poison Centres and Clinical Toxicologists (EAPCCT) 2000 Amsterdam, The Netherlands. 2000
- Session Organizer and Moderator, Society for Academic Emergency Medicine 1993, San Francisco, CA, New Technologies Session: Neural Nets, Ultrasound, Pharmacology, PET Scanning. 1993
- Session Organizer and Moderator, Society for Academic Emergency Medicine 1992, Toronto, Canada, State of the Art Session: Technology and Emergency Medicine. 1992

### Community Service

- Ongoing—RHEO Quarterly Statewide Webinar Toxicology Series
- 2017 – New Mexico Jazz Workshop (NMJW) Board of Directors; Vice President 2020-present
- 2014—Caffeinate energy drinks in children, multiple TV, radio, and print interviews.
- 2014 – Powdered Caffeine educational video, UNMTV
- 2012 – Performed in the “Arts in Medicine” concert series UNMH, 4/12; 12/12, 10/13.
- 2012 – Medical support for the annual suicide prevention walk.
- 2010 – Developed a management protocol for accidental carfentanil exposure for New Mexico Game and Fish Department.
- 2010 – Developed a PowerPoint slide presentation on the management of coral snake envenomation for the AACT ENVSIG
- 2010 – Developed a public education brochure through the AACT ENVSIG to distribute in coral snake endemic areas regarding recognition, prevention and first aid of coral snakebites
- 2009 – present: ongoing, participation in a statewide initiative to reduce prescription drug-related deaths in New Mexico
- 2007 – Present: Statewide continuing toxicology education program for hospital-based rural practitioners.
- 2008, Created a statewide post-graduate physician toxicology education program.
- 2007, Testified before the Nebraska Unicameral Legislature regarding vaccine legislation.
- 2006, invited to become a founding member of the Board of Directors of the Statewide Alliance for Drug Endangered Children and helped plan and participate in a statewide training and educational program.
- 2005 - 2012, Served on the Board of Directors of the American Association of Poison Control Centers and, 2005 – 2007, the Board of Directors of the American College of Medical Toxicologists.

## **Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format**

- 2004 and 2005, several presentations to schools and community groups on a variety of topics related to poisonings and the poison center; and participated in the formation of the Statewide Drug Endangered Children's Alliance.
- 2003, testified before the Nebraska Unicameral Legislature regarding contamination of fertilizer by heavy metals and regarding pesticide spraying notification legislation.
- 2002 and 2003, served on a statewide committee to develop a protocol for evaluating children found at the location of clandestine methamphetamine labs.
- 1993 through 2000, served on the Board of Directors of the Tucson Rape Crisis Center; created the Sexual Assault Response Service, training RN's as Forensic Nurse Examiners, and served as the inaugural Medical Director (volunteer) from 6/95 to 5/97. This work was recognized by the Board of the Rape Crisis Center with Special Recognition Awards in 1995, 1997 and 1999. I also received a J.C. Penny Golden Rule Finalist Award and was nominated for a U.S. Presidential Service Award for this work.
- 2001 - 2007, have served as a consultant to the Henry Doorly Zoo, regarding its collection of venomous animals, helping to develop procedures and protocols to prevent and manage envenomations.
- 2001, provided consultation to the Mayor of Omaha regarding the decision to become a Superfund site.
- 1999, served on an Arizona Governor's Task Force on Sexual Assault.

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

### Scholarly achievements

#### Books authored or co-authored:

1. **Seifert SA.** Computers in emergency medicine. In *Computers in Medicine*: Levinson D. Ed. McMillan, 1985.
2. **Seifert SA.** Activated Charcoal; Aminoglycosides; Anion gap; Antifungals; Antihistamines; Antimicrobials; Antiprotozoals; Antivirals; Botulinum antitoxin; Botulism; Carisoprodol; Cholinergic syndrome; Copper; Diphenoxylate; Edrophonium; Enhanced elimination; Ethosuximide; Griseofulvin; Guanfacine; Heroin; Hexachlorophine; Loperamide; Methenamine; Methocarbamol; Methoxamine; Nitrates/nitrites; Omeprazole; Phenacetamide; Phenolphthalein; Phenothiazines; Physostigmine; Scombroid; Succinylcholine; Terfenadine; Trazodone/nefazodone; Unknown Ingestions. In *Five Minute Tox Consults*: Dart RC, Yip L, Kuffner E, Hurlbut K, Eds. Lippincott Williams & Wilkins, New York, 1999.
3. **Seifert SA.** Arsenic and Old Artifacts. In *Old Poisons, New Problems: Information and Resource Guide for Contaminated Cultural Materials in Museum Collections*. Proceedings of the Arizona State Museum Workshop. Odegaard, Pool, Sadongei, Eds. National Park Service, 2001.
4. **Seifert SA.** Immunotherapy. In *Critical Care Toxicology*. Brent J, Wallace KL, Burkhart KK, Phillips SD, Donovan JW, Eds. Lippincott Williams & Wilkins, Pennsylvania, 2005.
5. Boyer LV, **Seifert SA**, Odegaard N. Understanding the hazards: Toxicity and safety. In *Old Poisons, New Problems: A museum resource for managing contaminated cultural materials*. Odegaard N, Sadongei, and Associates, Eds. AltaMira Press, Walnut Creek, 2005.
6. **Seifert SA.** Non-sedating antihistamines; Fomepizole; Physostigmine / pyridostigmine; Elimination enhancement; Ethanol (as antidote); Acid-base balance / unexplained metabolic acidosis; Antiparasitic agents; Deferoxamine; Anti-infectives / urinary / miscellaneous; Nitrates / nitrites; Therapeutic opioids; Street opioids; Spider antivenoms; Foodborne Illness. In *Medical Toxicology*, Third Edition. Dart RC, Ed: Philadelphia, PA, Lippincott Williams & Wilkins, New York, 1914 ppg, 2005.
7. Corey R, Armitage JO, **Seifert SA.** *Venomous Snakebite*. In *Cecil's Textbook of Medicine*, 23<sup>rd</sup> Edition. Russell L. Cecil, D. A. Ausiello, and Lee Goldman Eds. W B Saunders Co. October, 2007.
8. **Seifert SA.** Snake envenomations non-native to the US. In *Civetta, Taylor, and Kirby's Critical Care*, 4<sup>th</sup> Edition. Andrea Gabrielli, A. Joseph Layon, and Mihae Yu, Eds. Lippincott Williams & Wilkins. September, 2008.
9. **Seifert SA**, Armitage JO, Corey GR. Snakebite. In *Cecil's Medicine*, 24e. Saunders, 2011 (23e); 2012 (24e).
10. **Seifert SA**, North American Snakes and Snakebite. *Clinical Toxinology, Short Course 2014 Handbook*. 367-372.
11. Isbister G, **Seifert SA.** Envenomations. In *Cecil's Textbook of Medicine*, 25e, Lee Goldman, Andrew Schafer, eds. Saunders, 2016.
12. **Seifert SA.** Emerging Drug Threats. In *Current Concepts in Adult Critical Care 2016*. Edward A. Bittner; Jennifer A. LaRosa, eds. Society of Critical Care Medicine. ppg 191-197, 2016.
13. **Seifert SA, Warrick BJ.** Immunotoxicology. In *Critical Care Toxicology: the Diagnosis and Management of the Critically Poisoned Patient*, 2e. Brent J, Burkhart K, Dargan P, Hatten B, Megarbane B, Palmer R, Eds. Springer International Publishing, Denver, 2016. : doi:10.1007/978-3-319-20790-2\_176-2)
14. **Seifert SA.** Exotic Envenomations in the United States. In *Clinical Toxinology in Australia, Europe, and Americas*, Gopalakrishnakone P, Vogel CW, Seifert SA (eds), Springer, 2018. *Clinical Toxinology*. DOI 10.1007/978-94-007-6288-6\_70-1
15. **Seifert SA**, White JA, Dart RC. Envenomations. In *Goldman Cecil's Textbook of Medicine*, 26e, Lee Goldman, Andrew Schafer, eds. Saunders, 2019.

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

16. **Seifert SA**. Snakebite Management. In Conn's Current Therapy. Bope, Rakel Kellerman Eds. W B Saunders Co., 2010; 2011; 2012; 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021.
17. Ramirez MP, Rayburn WF, **Seifert SA**. Envenomations and Antivenoms During Pregnancy. In *Clinical Pharmacology During Pregnancy*. Mattison D, Halbert L-A (eds). Elsevier. 2e, August, 2021.

### Journal / Book Editing:

1. **Seifert SA**. (Ed). Abstracts: Snakebites in the New Millennium: A State-of-the-Art Symposium. *Journal of Medical Toxicology*, 2006;2(1):29-45.
2. **Seifert SA**. (Ed). Abstracts: Venom Week 2007. *Journal of Medical Toxicology*, 2008;4(1)43-63.
3. **Seifert SA**. (Ed). Abstracts of the CDC/FDA Coral Snake Antivenom Conference, January 28, 2009. *Journal of Medical Toxicology* 2009; 5(4):250 – 256.
4. **Seifert SA**. (Ed). Abstracts from Venom Week 2009, June 1 – 4, 2009 Albuquerque, NM. *Journal of Medical Toxicology* 2010; 6(2):234.
5. **Seifert SA**, Vogel CW, Guest Editors, Abstracts from the 17<sup>th</sup> World Congress of the International Society on Toxinology & Venom Week 2012, 4<sup>th</sup> International Scientific Symposium on All Things Venomous, *Toxicon* 2012; 60(2):96 – 248.
6. Vogel CV, **Seifert SA**, Guest Editors, Manuscripts from the 17<sup>th</sup> World Congress of the International Society on Toxinology & Venom Week 2012, 4<sup>th</sup> International Scientific Symposium on All Things Venomous, *Toxicon* 2013; Apr 17. pii: S0041-0101(13)00136-0. doi: 10.1016/j.toxicon.2013.04.006. [Epub ahead of print] "Medical aspects of bio-terrorism" was the #1 downloaded article in *Toxicon* for the first half of 2013.
7. **Seifert SA** (ed). Abstracts, Venom Week V, Part 1, *Toxicon* 2016; 117: 102 – 111.
8. **Seifert SA** (ed). Abstracts, Venom Week V, Part 2, *Toxicon* 2016: 119: 371 – 376.
9. Gopalakrishnakone P, Vogel C-W, Tambourgi DV, **Seifert SA** (eds). *Handbook of Toxinology: Clinical Toxinology in Australia, Europe, and the Americas*. Springer, 2016 (online); 2018 (print). ISBN 978-94-017-7436-9.
10. **Seifert SA**, Schaer M, Mackessey SP (Eds). Abstracts, Venom Week 2020, *Toxicon* 2020; 182; Supplement 1, S1 – S36.  
<https://www.sciencedirect.com/journal/toxicon/vol/182/suppl/S1>
11. **Seifert SA**, Mackessey SP, Schaer M (Eds). Venom Week 2020: The pathway between basic science and clinical practice, *Toxicon* 2020; 184; 55 – 180.  
<https://www.sciencedirect.com/journal/toxicon/special-issue/10GBPPCGSDN>

### Original research or scholarly articles in refereed journals:

1. Eldefrawi ME, Eldefrawi AT, **Seifert SA**, O'Brien RD. Properties of lubrol solubilized acetylcholine receptor. *Arch Biochem & Physiol*, 1972;150:210.
2. **Seifert SA**, Eldefrawi ME. Affinity of myasthenia drugs to acetylcholinesterase and acetylcholine receptor. *Biochem Med*, 1974;July:10(3).
3. Meislin HW, Iserson K, Kaback K, Kobernick M, Sanders AB, **Seifert S**. Airway trauma. *Emergency Clinics of North America*, 1983;1:1-18.
4. Sanders AB, **Seifert SA**, Kobernick ME. Botulism: A clinical review. *Journal of Family Practice* 1983;16(5):987-1000.
5. **Seifert S**. Wire-guided catheters in the emergency department. *Annals of Emergency Medicine*, 1984;13:145.

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

6. **Seifert S**, Grazer R: How many miles to the doctor? (Letter), *New England Journal of Medicine*, 1984;311(12):802.
7. Kobernick M, **Seifert S**, Sanders A. Emergency department management of the sexual assault victim. *Journal of Emergency Medicine*, 1985;2:205-214.
8. **Seifert S**. Medical illness simulating trauma (MIST) syndrome. *Family Medicine*, 1993;25:273-6.
9. Dart RC, **Seifert SA**, Carroll L, Clark RF, Hall E, Boyer-Hassen LV, Curry SC, Kitchens CS, Garcia RA. Affinity-purified, mixed monospecific crotalid antivenom Ovine Fab for the treatment of crotalid venom poisoning. *Annals of Emergency Medicine*, 1997;30(1):33-39.
10. **Seifert SA**, Boyer LV, Dart RC, Porter RS, Sjöstrom L. Relationship of venom effects to venom antigen and antivenom serum concentrations in a patient with *Crotalus atrox* envenomation treated with a Fab antivenom. *Annals of Emergency Medicine*, 1997;30(1):49-53.
11. **Seifert SA**, Dart RC, Kaplan EH. Accidental, intravenous infusion of a peanut oil-based medication. *Journal of Toxicology-Clinical Toxicology*, 1998;36(7):733-736.
12. **Seifert, SA**. Substance use and sexual assault. *Substance Use and Misuse*, 1999;34(6):935-945.
13. Boyer LV, **Seifert SA**, Clark RF, McNally JT, Williams S, Nordt S, Walter F, Dart RC. Recurrent and persistent coagulopathy following pit viper envenomation. *Archives of Internal Medicine*, 1999;159:706-710.
14. O'Malley GF, **Seifert S**, Heard K, Daly F, Dart RC. Olanzapine overdose mimicking opioid intoxication. *Annals of Emergency Medicine*, 1999;34(2):279-281.
15. **Seifert SA**, Bronstein AC, McGuire T. Massive ibuprofen overdose with survival. *Journal of Toxicology-Clinical Toxicology*, 2000;38(1):55-57.
16. **Seifert SA**, Boyer LV, Odegaard N, Smith DR, Dongoske KE. Arsenic contamination of museum artifacts repatriated to a Native American tribe. *Journal of the American Medical Association*, 2000;283(20):2658-2659.
17. **Seifert SA**. Atropine use in *Centruroides* scorpion envenomation—contraindicated or not? (Editorial) *Journal of Toxicology-Clinical Toxicology*, 2001;39(6):599.
18. Dart RC, **Seifert SA**, Boyer LV, Clark RF, Hall E, McKinney P, McNally J, Kitchens CS, Curry SC, Bogdan GM, Ward SB, Porter RS. A randomized multicenter trial of Crotalinae polyvalent immune Fab (ovine) antivenom for the treatment for crotaline snakebite in the United States. *Arch Intern Med*. 2001 Sep 10;161(16):2030-6.
19. **Seifert SA**, Boyer LV. Recurrence phenomena following immunoglobulin therapy of snake envenomations. Part I: Pharmacokinetics and pharmacodynamics of immunoglobulin antivenoms and related antibodies. *Annals of Emergency Medicine*, 2001;37:189-195.
20. Boyer LV, **Seifert SA**, Cain JS. Recurrence phenomena following immunoglobulin therapy of snake envenomations. Part II: Guidelines for clinical management with crotaline Fab antivenom. *Annals of Emergency Medicine*, 2001;37:196-201.
21. **Seifert SA**, Wax P, Trestail J. Serial Healthcare Poisoners: Their history, dynamics and a proposed methodology to detect and interrupt their activities. *Mithridata* 2002; 12(2):6-9.
22. **Seifert SA**, Jacobitz K. Pharmacy prescription dispensing errors reported to a regional poison center. *Journal of Toxicology-Clinical Toxicology*, 2002;40(7):919-923.
23. **Seifert SA**, Keyler D, Isbister G, McNally J, Krebs, J, Martin T. Institutions Housing Venomous Animals: Position Statement of the American College of Medical Toxicology. *Internet Journal of Medical Toxicology*, 2002; 5(3):23. Also available at: [http://www.ijmt.net/ijmt/5\\_3/5\\_3\\_23.htm](http://www.ijmt.net/ijmt/5_3/5_3_23.htm) Accessed 8/03.
24. **Seifert SA**, Von Essen S, Jacobitz K, Crouch R, Lintner CP. Do poison centers diagnose Organic Dust Toxic Syndrome? *Journal of Toxicology-Clinical Toxicology*, 2003;41(2):115-117.
25. **Seifert SA**, Von Essen S, Jacobitz K, Crouch R, Lintner CP. Organic Dust Toxic Syndrome: A Review. *Journal of Toxicology-Clinical Toxicology*, 2003;41(2):185-193.



## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

26. Von Essen S, Spencer J, Hass B, List P, **Seifert SA**. Unintentional human exposure to tilmicosin (MICOTIL®300). *Journal of Toxicology-Clinical Toxicology*, 2003;41(3):229-233.
27. **Seifert SA**, Schwartz MD, Thomas JD. Aripiprazole (Abilify™) overdose in a child. *Journal of Toxicology-Clinical Toxicology*, 2005;43(3):193-195.
28. Lund B, **Seifert SA**, Mayersohn M. Efficacy of sustained low-efficiency dialysis in the treatment of salicylate toxicity. *Nephrology Dialysis and Transplantation*, 2005 Jul;20(7):1483-4. Epub 2005 Mar 29.
29. **Seifert SA**, Keyler D, Isbister G, McNally J, Martin TG. ACMT position statement: Institutions housing venomous animals. *Journal of Medical Toxicology*, 2006;2(3):118-119.
30. **Seifert SA**, Oakes JA, Boyer LV. Toxic exposure surveillance system (TESS)-based characterization of U.S. non-native venomous snake exposures, 1995-2004. *Clinical Toxicology*, 2007;45(5):571-578.
31. Oakes JA, **Seifert SA**. American Association of Poison Control Centers database characterization of human tilmicosin exposures, 2001 – 2005. *Journal of Medical Toxicology*. 2008;4(4):225-231.
32. **Seifert SA**, Boyer LV, Benson BE, Rogers J. AAPCC-database characterization of US native venomous snakebites, 2001 - 2005. *Clinical Toxicology (Phila)*, 2009;47(4):327 – 335.
33. Farooqi MF, **Seifert SA**, Kunkel, SJ. Toxicity from a Clonidine Suspension. *Journal of Medical Toxicology* 2009;5(3):130-133.
34. Dart RC, Borron SW, Caravati EM, Cobaugh DJ, Curry SC, Falk JL, Goldfrank L, Gorman SE, Groft S, Heard K, Miller K, Olson KR, O'Malley G, Seger D, **Seifert SA**, Sivilotti ML, Schaeffer T, Tomassoni AJ, Wise R, Bogdan GM, Alhelail M, Buchanan J, Hoppe J, Lavonas E, Mlynarchek S, Phua DH, Rhyee S, Varney S, Zosel A; Antidote Summit Authorship Group. Expert Consensus Guidelines for Stocking of Antidotes in Hospitals That Provide Emergency Care. *Ann Emerg Med* 2009;54(3):386-394. Epub 2009 May 5.
35. Daubert GP, Spiller HA, Crouch BI, **Seifert SA**, Simone KE, Smolinske SC. Pulmonary Toxicity Following Exposure to Waterproofing Grout Sealer. *Journal of Medical Toxicology* 2009; 4(3):125 – 133.
36. Brackney M, Baumbach J, Ewers C, et al. Agranulocytosis Associated with Cocaine Use — Four States, March 2008–November 2009. *MMWR* December 18, 2009; 58(49). Reprinted in *JAMA* 2010; 303(6): 504 – 512.
37. Letsky MC, Zumwalt RE, **Seifert SA**, Benson BE. Cause of Death Conundrum with Methadone Use: A Case Report. *American Journal of Forensic Medicine and Pathology*. 2010 Feb 25. [Epub ahead of print]
38. Benson JE, Farooqi M, Klein-Schwartz W, Litovitz T, Webb AN, Borys DJ, Lung D, Rose SR, Aleguas A, Sollee DR, **Seifert SA**. Diphenhydramine dose-response: A novel approach to determine triage thresholds. *Clinical Toxicology (Phila)* 2010; 48(8):820-831.
39. LaMonica G, **Seifert SA**, Rayburn W. Rattlesnake bite in pregnancy. *Journal of Reproductive Medicine* 2010; 55(11-12): 520 – 522.
40. Wolfe MD, Myers O, Caravati EM, Rayburn WF, **Seifert SA**. Black widow spider envenomation in pregnancy. *J Matern Fetal Neonatal Med* 2011 Jan; 24(1):122-6.
41. **Seifert SA**. Richard Mead: One for the ages. *Clinical Toxicology (Phila)* 2011; 49(1): 53-55 (doi:10.3109/15563650.2010.545359).
42. Lavonas EJ, Ruha AM, Banner W, Bebart V, Bernstein JN, Bush SP, Kerns WP, Richardson WH, **Seifert SA**, Tanen DA, Curry SC, Dart RC. Unified treatment algorithm for the management of crotaline snakebite in the United States: results of an evidence-informed consensus workshop. *BMC Emergency Medicine* 2011, 11:2 doi:10.1186/1471-227X-11-2. Highly accessed article, BioMed Central.

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

43. **Seifert SA**, Kirschner R, Martin N. Recurrent, persistent or late, new onset hematologic abnormalities in Crotaline snakebite. *Clinical Toxicology* 2011; 49(4):324–329.
44. Mestres J, **Seifert SA**, Oprea TI. Cyclobenzaprine and its possible association with Serotonin Syndrome. *Clin Pharmacol Therap* 2011. advance online publication 28 September 2011 doi:10.1038/clpt.2011.177 (Subject of a journal Commentary (Perspectives): Abernethy DR, Bai JPF, Burkhart K, Xie H-G, Zhichkin P. *Clin Pharmacol & Thera* 2011; 90(5): 645-6. doi:10.1038/clpt.2011.171)
45. **Seifert SA**, White J, Currie BJ. Pressure bandaging for North American snakebite? No! *J Med Toxicol* 2011; 7(4): 324-326; and *Clinical Toxicology (Phila)*. Online on November 8, 2011: DOI: 10.3109/15563650.2011.626424.
46. Rollstin A, **Seifert SA**. Acetaminophen and diphenhydramine overdose in profound hypothermia. *Clinical Toxicology (Phila.)*. *Clinical Toxicology* 2012; Early Online: DOI: 10.3109/15563650.2012.748195.
47. Brown S, Rayburn W, **Seifert SA**. Antivenom use in pregnancy. *Clinical Toxicology (Phila)* 2013; 51: 3-15.
48. Lavonas E, Benson BE, **Seifert SA**. Failure to develop sensitization despite repeated administration of ovine Fab snake antivenom: Update of a single-patient, multi-center case series. *Annals of Emergency Medicine* 2013; 61(3); 371-2.
49. Vilay MA, Wong CS, Schrader RM, Mercier R-C, **Seifert SA**. Acute kidney injury related to toxic exposures: An analysis of the National Poison Data System. *Clinical Toxicology (Phila)* 2013; 51(2):96-105. doi: 10.3109/15563650.2012.762456.
50. Bush SP, **Seifert SA**, Oakes J, Smith SD, Phan TH, Pearl SR, Reibling ET. Continuous IV Crotalidae Polyvalent Immune Fab (Ovine) (FabAV) for Selected North American Rattlesnake Bite Patients. *Toxicon* 2013 Mar 6. doi:pii: S0041-0101(13)00069-X. 10.1016/j.toxicon.2013.02.008 [epub ahead of print].
51. Seifert SM, **Seifert SA**, Schaechter J, Bronstein AC, Benson BE, Hershorin ER, Arheart KL, Franco VI, Lipshultz SE. An analysis of energy-drink toxicity in the National Poison Data System. *Clinical Toxicology (Phila)* 2013; 51: 566–574. doi: 10.3109/15563650.2013.820310
52. Seifert SM, **Seifert SA**, Schaechter JL, Hershorin ER, Arheart KL, Franco VI, Bronstein AC, Benson BE, Lipshultz SE. In reply to "Interpretation of 'An analysis of energy-drink toxicity in the National Poison Data System'". *Clin Toxicol (Phila)*. 2014 Mar;52(3):234-5. doi: 10.3109/15563650.2014.888446. Epub 2014 Feb 14.
53. **Seifert SA**, Cano DN. Late, New-Onset Thrombocytopenia in a Rattlesnake Envenomation Treated with a Fab Antivenom. *Clinical Toxicology* 2013, Early Online: DOI: 10.3109/15563650.2013.843006
54. Schwarcz L, Begay CL, Chilton LA, **Seifert SA**, Shirley B. Childhood Lead Exposure Associated with the Use of Kajal, an Eye Cosmetic from Afghanistan — Albuquerque, New Mexico, 2013. *MMWR*, November 22, 2013 / 62(46);917-919.
55. Warrick BJ, Boyer LV, **Seifert SA**. Non-native snake envenomations in the U.S., 2005 – 2011. *Toxins* 2014, 6, 2899-2911; doi:10.3390/toxins6102899
56. Kraai EP, **Seifert SA**. Citalopram Overdose: a Fatal Case. *J. Med. Toxicol.* 2014; epub ahead of print: DOI 10.1007/s13181-014-0441-0. *J Med Toxicol.* 2015; 11(2): 232-236.
57. Dart RC, Bronstein AC, Spyker DA, Cantilena LR, **Seifert SA**, Heard SE, Krenzelo EP. Poisoning in the United States: 2012 emergency medicine report of the National Poison Data System. *Ann Emerg Med.* 2015 Apr;65(4):416-22. doi: 10.1016/j.annemergmed.2014.11.001. Epub 2014 Dec 15.
58. Bush SP, Ruha AM, **Seifert SA**, Morgan DL, Lewis BJ, Arnold TC, Clark RF, Meggs WJ, Toschlog EA, Borron SW, Figge GR, Sollee DR, Shirazi FM, Wolk R, Chazal IDE, Quan D, Garcia-Ubbelode W, Alagon A, Gerkin RD, Boyer LV. Comparison of F(ab')<sub>2</sub> versus Fab antivenom for pit viper envenomation: A prospective, blinded, multicenter,

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- randomized clinical trial. *Clin Toxicol (Phila)* 2014; Early Online: DOI: 10.3109/15563650.2014.974263
59. **Seifert SA**, Kirschner RI, Martin TG, Schrader RM, Karowski K, Anaradian PC. Acetaminophen concentrations prior to 4 hours of ingestion: Impact on diagnostic decision-making and treatment. *Clin Toxicol (Phila)* 2015;53(7):618-23. doi: 10.3109/15563650.2015.1059942. Epub 2015 Jun 24.
  60. **Seifert SA**, Kovnat D, Anderson VE, Green JL, Dart RC & Heard KJ. Acute hepatotoxicity associated with therapeutic doses of intravenous acetaminophen. <http://dx.doi.org/10.3109/15563650.2015.1134798>
  61. Spyres MB, Ruha AM, **Seifert S**, Onisko N, Padilla-Jones A, Smith EA. Occupational Snake Bites: a Prospective Case Series of Patients Reported to the ToxIC North American Snakebite Registry. *J Med Toxicol. J. Med. Toxicol.* 2016; 12:365-369. DOI 10.1007/s13181-016-0555-7.
  62. **Seifert SA**. Clinical Toxicology, Past and Future. *Clin Toxicol (Phila)* 2017; Epub 3/3/17. <http://dx.doi.org/10.1080/15563650.2017.1290255>
  63. Mohamed AM, Adnan A, **Seifert SA**, Smolinske SC, Castresana D, Prarsher G, Warrick BJ. An endoscopic end to coma. *Toxicol Comm* 2017; 1(1): 6 – 9.
  64. Farrugia LA, Rhyee SH, Calello DP, Campleman SL, Riederer AM, Malashock HR, Pizon A, Wiegand T, Wax PM, Brent J; Toxicology Investigators Consortium Study Group. The Toxicology Investigators Consortium Case Registry-the 2016 Experience. *J Med Toxicol.* 2017 Sep;13(3):203-226. doi: 10.1007/s13181-017-0627-3. Epub 2017 Aug 1.
  65. Lee T, Warrick BJ, Sarangarm P, Alunday RL, Busmann S, Smolinske SC, **Seifert SA**. Levetiracetam in toxic seizures. *Clin Toxicol*, 2017. DOI: 10.1080/15563650.2017.1355056, epub ahead of print.
  66. Lee T, Warrick BJ, Sarangarm P, Alunday RL, Busmann S, Smolinske SC, **Seifert SA**. Authors' response to letter on "Levetiracetam in toxic seizures." *Clin Toxicol*, 2017. <https://doi.org/10.1080/15563650.2017.1406097>, Published online: 27 Nov 2017, epub ahead of print; 2018 Mar;56(3):236. doi: 10.1080/15563650.2017.1406097. Epub 2017 Nov 27.
  67. Musleh A, **Seifert SA**, Smolinske SC, Bora K, Gutierrez C, Warrick BJ. Metal phosphide ingestions: How the hospital became a HAZMAT incident. *Am J Emerg Med.* 2018 Aug;36(8):1510-1511. doi: 10.1016/j.ajem.2017.12.058. Epub 2017 Dec 27.
  68. Dart RC, Bush SP, Heard K, Arnold TC, Sutter M, Campagne D, Holstege CP, **Seifert SA**, Lo JCY, Quan D, Borron S, Meurer DA, Burnham RI, McNally J, Garcia-Ubbelohde W, Anderson VE. The Efficacy of Antivenin *Latrodectus* (Black Widow) Equine Immune F(ab')<sub>2</sub> Versus Placebo in the Treatment of *Latrodectism*: A Randomized, Double-Blind, Placebo-Controlled, Clinical Trial. *Ann Emerg Med.* 2019 Mar 26. pii: S0196-0644(19)30109-X. doi: 10.1016/j.annemergmed.2019.02.007. [Epub ahead of print]
  69. **Seifert SA**, Cano DN. Late, new-onset thrombocytopenia following rattlesnake envenomation without early thrombocytopenia or post-antivenom platelet increase. *Clin Toxicol (Phila)*. 2019 Aug 6:1-2. doi: 10.1080/15563650.2019.1648820. [Epub ahead of print]
  70. Spyres MB, Farrugia LA, Kang AM, Calello DP, Campleman SL, Pizon A, Wiegand T, Kao L, Riley BD, Li S, Wax PM, Brent J; Toxicology Investigators Consortium (ToxIC) Study Group. The Toxicology Investigators Consortium Case Registry-the 2018 Annual Report. *J Med Toxicol.* 2019 Oct;15(4):228-254. doi:10.1007/s13181-019-00736-9 Epub 2019 Oct 22.
  71. **Seifert SA**, Buckley N, Seger D, Thomas S, Chan B, Chan TYK, Kirschner RI, Megarbane B, Oakes J, Wilks M, Mullins M, Allister Vale J. *Clinical Toxicology Expert*

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- Reviewers 2019. Clin Toxicol (Phila). 2020 Jan 14:1-3.  
<https://doi.org/10.1080/15563650.2020.1712900>. Epub ahead of print.
72. Shephard EA, Bonnin L, Smolinske SC, **Seifert SA**, Warrick BJ. A case report of massive elemental mercury ingestion with air sampling to ensure safe conditions for healthcare personnel. Clin Toxicol (Phila) 2020. 58(12); 1352-1353.  
<https://doi.org/10.1080/15563650.2020.1737707>
73. **Seifert SA**, Mascarenas D, Fullerton L, Smolinske SC. Unpredicted late-, new-onset Thrombocytopenia and Hypofibrinogenemia in Fab Antivenom-Treated rattlesnake Envenomation. Presented at Venom Week 2020, Gainesville, FL. Toxicon 2020, 185; 55-56. <https://doi.org/10.1016/j.toxicon.2020.05.026>
74. Ramirez-Crug MP, Smolinske SC, Warrick BJ, Rayburn WF, **Seifert SA**. Envenomations during pregnancy reported to the national poison data system, 2009-2018. Toxicon 2020 Aug 6;186:78-82. <https://doi.org/10.1016/j.toxicon.2020.07.029>. Online ahead of print.
75. Mascarenas D, Fullerton L, Smolinske SC, Warrick BJ, **Seifert SA**. Comparison of F(ab')<sub>2</sub> and Fab antivenoms in Rattlesnake Envenomation: First year's post-marketing experience with f(ab')<sub>2</sub> in New Mexico. Toxicon 2020, 186; 42-45.  
<https://doi.org/10.1016/j.toxicon.2020.08.002>
76. Yip L, Bixler D, Brooks D, Clarke K, Datta S, Dudley Jr S, Komatsu K, Lind J, Mayette A, Melgar M, Pindyck T, Schmit K, **Seifert S**, Shirazi F, Smolinske S, Warrick B. Serious Adverse Health Events, Including Death, Associated with Ingesting Alcohol-based Hand Sanitizers Containing Methanol—Arizona and New Mexico. May-June, 2020 Journal: Morbidity and Mortality Weekly Report Manuscript ID CDC-ER-2020-0050 Manuscript Type: CDC Emergency Response. MMWR, August 5, 2020.  
<https://www.cdc.gov/mmwr/volumes/69/wr/mm6932e1.htm>
77. **Seifert SA**, Buckley N, Chan B, Chan TYK, Cumpston K, Kirschner RI, Megarbane B, Mullins M, Seger D, Thomas S, Vale JA & Wilks MF (2021) Clinical Toxicology review metrics and expert reviewers, 2020, Clinical Toxicology, 59:3, e1-e3, DOI: [10.1080/15563650.2021.1874197](https://doi.org/10.1080/15563650.2021.1874197)
78. Fletcher ML, Sarangarm P, Nash J, Smolinske SC, Alunday RL, **Seifert SA**, Warrick BJ. A Systematic Review of Second line Therapies in Toxic Seizures. Clinical Toxicology 2021, <https://doi.org/10.1080/15563650.2021.1894332>

### Other writings and scholarly products (not abstracts)

- **Seifert SA**. Caffeine Powder becoming a dangerous choice for teens seeking a thrill. In The Enchanted Pediatrician, the newsletter of the New Mexico Pediatric Society-New Mexico Chapter of the American Academy of Pediatrics, Fall 2014, p 18.
- Up-To-Date
  - Crotalinae snakebite, 2010 – present
  - Coral snakebite, 2012 – present
  - Methamphetamine, 2016 – present
- Poisindex editorial reviews/updates
  - Alkali corrosives, 2007
  - Australian snakes, 2007
  - Middle Eastern Snakes, 2007
  - Colubrids\_Old world, 2007
  - Colubrids\_New World, 2008
  - Conotoxins, 2008
- Poisindex Summary Chapters
  - Scorpions, 2009

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- Tricyclic Antidepressants, 2009
- Coral snakes, 2009
- Botulism, 2009
- Hurlbut K, **Seifert SA**. *Gallium Nitrate* (Management/Treatment Protocol). In POISINDEX® System, Toll LL & Hurlbut KM, Eds: MICROMEDEX, Greenwood Village, Colorado 3/01.
- Hurlbut K, **Seifert SA**. *Organic Dust Toxic Syndrome* (Management/Treatment Protocol). In POISINDEX® System, Toll LL & Hurlbut KM, Eds: MICROMEDEX, Greenwood Village, Colorado 1/01.
- **Seifert SA**. DVD: Producer and Host: "Snakebites in the new millennium: A State-of-the-Art Symposium." 3/06
- **Seifert S**. Computers in emergency medicine. *Digest of Emergency Medical Care*, Aug 1986;6(8):4-7.
- **Seifert S**. Pain "all over". *Hospital Therapy*, May 1986;69-80.

### Works in progress:

### Accepted for presentation/publication – In Press:

### In Submission:

To NACCT 2021:

Predictors of Severe Outcome Following Opioid Overdose in Children: A Case-control Study of a Prospective Toxicology Surveillance Registry

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### In Preparation:

- Smolinske, SC, Warrick BJ, **Seifert SA**. Vinegaroon exposures reported to a poison center. Presented at Venom Week 2020, Gainesville, FL.

### Refereed abstracts (with platform or poster presentation and published abstract):

1. **Seifert S**. Computer-aided prescribing of aminoglycosides: Bedside determination of volume of distribution and elimination rate constant. *Proceedings, The Ninth Annual Symposium on Computer Applications in Medical Care*, 1985;103-106.
2. **Seifert S**. Experience with a specialty-based electronic bulletin board service. *Proceedings, American Association of Medical Systems and Informatics Congress 1987*: 27-33.
3. Dart RC, **Seifert SA**, Carroll L, Clark RF, Hall EL, Boyer Hassen LV, Curry SC, Kitchens CS, Garcia RA. Human trial of an affinity purified antibody fragment for snake venom poisoning. *Veterinary and Human Toxicology*, 1994;36(4). Poster presentation, 1994 North American Congress of Clinical Toxicology (NACCT).

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

4. Boyer L, **Seifert S**, Clark R, McNally J, Williams S, Nordt S, Walter F, Dart R. Coagulopathy in crotalid envenomations treated with a new Fab antivenom. *Journal of Toxicology-Clinical Toxicology*, 1996;34(5):593. (Poster presentation, 1996 North American Congress of Clinical Toxicology (NACCT), Portland, OR.
5. **Seifert SA**, Boyer LV, Dart RC, Porter RS, Sjostrom L. Correlation of venom effects, antivenom levels and venom antigenemia in a patient with *Crotalus atrox* envenomation treated with a Fab antivenom. *Journal of Toxicology-Clinical Toxicology*, 1996;34(5):593. Poster presentation, 1996 North American Congress of Clinical Toxicology, NACCT, Portland OR.
6. Bogdan GM, McKinney P, Porter RS, **Seifert S**, Hall E, Smith D, Boyer L, Kitchens C, Dart RC, Clark R, Curry S. Clinical efficacy of two dosing regimens of affinity purified, mixed monospecific crotalid antivenom ovine Fab (CroTAb). *Academic Emergency Medicine*, 1997;34(5):518. Poster presentation, 1997 North American Congress of Clinical Toxicology (NACCT), St. Louis, MO.
7. **Seifert SA**. Substance use and sexual assault. *Journal of Toxicology-Clinical Toxicology*, 1997;35(5):554. (Poster presentation, 1997 North American Congress of Clinical Toxicology (NACCT), St. Louis, MO.
8. **Seifert SA**, Dart RC, Kaplan EH. Accidental intravenous infusion of a peanut oil-based medication. *Journal of Toxicology-Clinical Toxicology*, 1998;36(5):499. Poster presentation, 1998 North American Congress of Clinical Toxicology (NACCT), Orlando, FL.
9. **Seifert SA**. The rates and severity of complications of hemodialysis in toxicologic settings is unknown. *Journal of Toxicology-Clinical Toxicology*, 1998;36(5):516. Poster presentation, 1998 North American Congress of Clinical Toxicology (NACCT), Orlando, FL.
10. O'Malley G, **Seifert S**, Heard K, Yip L. Pupillary effects of olanzapine overdose mimic opiate and  $\alpha$ -2 agonists. *Journal of Toxicology-Clinical Toxicology*, 1998;36(5):523. Poster presentation, 1998 North American Congress of Clinical Toxicology (NACCT), Orlando, FL.
11. **Seifert SA**. Pharmacokinetic analysis of a crotalid Fab antivenom and theoretical considerations for the prevention of coagulopathic recurrence. *Journal of Toxicology-Clinical Toxicology*, 1998;36(5):526-7. Platform presentation, 1998 North American Congress of Clinical Toxicology (NACCT), Orlando, FL.
12. **Seifert SA**, Dart RC, Bogdan GM, Boyer LV, Clark RF, Hall EL, Kitchens CS. Recurrence of local symptoms of crotalid envenomation in ovine Fab antivenom treated patients. *Journal of Toxicology-Clinical Toxicology*, 1999;37(3):390. Poster presentation, 1999 European Association of Poison Centres and Clinical Toxicologists (EAPCCT) 1999 Dublin, IRE.
13. **Seifert SA**, Boyer LV, Odegaard N, Smith DR, Dongoske K. Pesticide contamination of museum artifacts returned to a Native American tribe through NAGPRA legislation. *Journal of Toxicology-Clinical Toxicology*, 1999;37(5):664. Poster presentation, 1999 North American Congress of Clinical Toxicology (NACCT), La Jolla, CA.
14. **Seifert SA**, Dart RC, Boyer LV, Clark RF, Hall EL, Kitchens CS, Bogdan GM, McNally J. Prevention and treatment of recurrent local symptoms in crotalid envenomation treated with ovine Fab. *Journal of Toxicology-Clinical Toxicology*, 1999;37(5):668. Poster presentation, 1999 North American Congress of Clinical Toxicology (NACCT), La Jolla, CA.
15. **Seifert SA**. Clinical implications of the pharmacokinetic and pharmacodynamic relationships between therapeutic immunoglobulins and their targets. *Journal of Toxicology-Clinical Toxicology*, 2000;38(2):208. Poster presentation, European Association of Poison Centres and Clinical Toxicologists, Amsterdam (EAPCCT) 2000, The Netherlands.
16. **Seifert SA**, Boyer LV, Murphy M, Madsen RJ, Martinez P. *Loxosceles arizonica* envenomation with rhabdomyolysis. *Journal of Toxicology-Clinical Toxicology*, 2000;38(5):510. Poster presentation, 2000 North American Congress of Clinical Toxicology (NACCT), Tucson, AZ.
17. **Seifert SA**. Toxicology in the Sherlockian Canon. *Mithridata*, 2001;11(1):5-10. Platform presentation, 2000 North American Congress of Clinical Toxicology (NACCT), Tucson, AZ.

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

18. **Seifert SA**, Wax P, Trestrail J. A History of healthcare poisoners, and a proposal to detect and stop serial healthcare poisoners. *Mithridata* 2001;11(2):3-4. Poster presentation, 2001 North American Congress of Clinical Toxicology (NACCT), Toxicological History Society Meeting. Montreal, Canada.
19. **Seifert SA**. Museum artifacts as a source of arsenic and mercury exposure. *Journal of Toxicology-Clinical Toxicology*, 2001;39(3):236. Poster presentation, European Association of Poison Centres and Clinical Toxicologists (EAPCCT) 2001 Barcelona, Spain.
20. **Seifert SA**, Jacobitz K. Pharmacy Prescription filling errors reported to a regional poison center. *Academic Emergency Medicine*, 2002;9(5):400. Poster presentation, 2002 Society for Academic Emergency Medicine meeting, St. Louis, MO.
21. McVoy J, Fladby C, Jacobitz K, **Seifert SA**. To chart or not to chart: what is the question? *Journal of Toxicology-Clinical Toxicology*, 2002; 40(5):665. Poster presentation, 2002 North American Congress of Clinical Toxicology (NACCT), Palm Springs, CA.
22. **Seifert SA**, Jacobitz K, Scheer A. Pharmacy compounding and order-of-magnitude errors. *Journal of Toxicology-Clinical Toxicology*, 2002; 40(5):635. Poster presentation, 2002 North American Congress of Clinical Toxicology (NACCT), Palm Springs, CA.
23. **Seifert SA**, Von Essen S, Jacobitz K, Crouch R, Lintner CP. Do poison centers diagnose organic dust toxic syndrome? *Journal of Toxicology-Clinical Toxicology*, 2002; 40(5):665. Poster presentation, 2002 North American Congress of Clinical Toxicology (NACCT), Palm Springs, CA.
24. **Seifert SA**. Sunburst tarantula (*Pterinochilus murinus*) envenomation. *Journal of Toxicology-Clinical Toxicology*, 2003; 41(5):700. Poster presentation, 2003 North American Congress of Clinical Toxicology (NACCT), Chicago, IL.
25. **Seifert SA**, Jacobitz K, Benson BE. Medical error in poison center practice: A preliminary study. *Journal of Toxicology-Clinical Toxicology*, 2003; 41(5):685. Poster presentation, 2003 North American Congress of Clinical Toxicology (NACCT), Chicago, IL.
26. **Seifert SA**, Boyer LV, Bronstein AC, Jacobitz K, McNally J. Poison center medical error detection and prevention. *Journal of Toxicology-Clinical Toxicology*, 2003; 41(5):685-686. Poster presentation, 2003 North American Congress of Clinical Toxicology (NACCT), Chicago, IL.
27. **Seifert SA**, Caravati EM, Crouch D. Atropine overdose from a suppository compounding error. *Journal of Toxicology-Clinical Toxicology*, 2003; 41(5):648. Poster presentation, 2003 North American Congress of Clinical Toxicology (NACCT), Chicago, IL.
28. **Seifert SA**. Aripiprazole (Abilify™) overdose in a 2.5 year-old. *Journal of Toxicology-Clinical Toxicology*, 2003; 41(5):647-648. Poster presentation, 2003 North American Congress of Clinical Toxicology (NACCT), Chicago, IL.
29. **Seifert SA**, Meissner GK. Escitalopram overdose: A Case Series. *Journal of Toxicology-Clinical Toxicology*, 2004; 42(4):495-496. Poster presentation, European Association of Poison Centres and Clinical Toxicologists (EAPCCT) 2004, Strasbourg, France.
30. Henriksen MN, Boyer LV, Strong B, **Seifert SA**, Ranger-Moore J. Poison center medical error reduction and improvement of scorpion sting management by a modified callback protocol. *Journal of Toxicology-Clinical Toxicology*. 2004;42(5):768-769. Poster presentation, 2004 North American Congress of Clinical Toxicology (NACCT), Seattle, WA.
31. Wax P, Nelson L, **Seifert SA**, et al. The ACMT-ATSDR consultation network: First years' experience. *Journal of Toxicology-Clinical Toxicology*. 2004;42(5):777. Poster presentation, 2004 North American Congress of Clinical Toxicology (NACCT), Seattle, WA.
32. **Seifert SA**, Jacobitz K, Ling L, Bangh S, Bronstein AC, Lansinger PA. Valdecoxib (Bextra®) overdose: A case series. *Journal of Toxicology-Clinical Toxicology*. 2004;42(5):723. Poster presentation, 2004 North American Congress of Clinical Toxicology (NACCT), Seattle, WA.
33. **Seifert SA**, Odegaard N, Smith DR, Smith DL. Pesticide contamination of repatriated objects under the Native American Graves Protection and Repatriation Act: A multi-disciplinary

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- approach. *Clinical Toxicology (Phila)*, 2005; 43(6):753-4. Poster presentation, 2005 North American Congress of Clinical Toxicology (NACCT) 2005, Orlando, FL.
34. Lubbert J, McVoy J, **Seifert SA**, Jacobitz K. Accuracy and completeness of initial substance identification. Is what you hear, what they got? *Clinical Toxicology (Phila)*, 2005; 43(6):764. Poster presentation, 2005 North American Congress of Clinical Toxicology (NACCT), Orlando, FL.
  35. Lubbert J, Jacobitz K, Suhr D, Weber AT, **Seifert SA**. Home observation of tended-yard mushroom ingestions in Nebraska, Wyoming, and Western Iowa. *Clinical Toxicology (Phila)*, 2005;43(6):762. Poster presentation, 2005 North American Congress of Clinical Toxicology (NACCT), Orlando, FL.
  36. **Seifert SA**, Jacobitz K. TESS-based characterization of human tilmicodin exposures and the dose-response relationship in parenteral exposures. *Clinical Toxicology (Phila)*, 2005;43(6):735-6. Poster presentation, 2005 North American Congress of Clinical Toxicology (NACCT), Orlando, FL.
  37. **Seifert SA**, Boyer LV, Bronstein AC, Jacobitz K, McNally J, Meza JL. Reduction of Medical Error by Introduction of a New Protocol in a Poison Center. *Clinical Toxicology (Phila)*, 2005;43(6):767-8. Poster presentation, 2005 North American Congress of Clinical Toxicology (NACCT), Orlando, FL.
  38. **Seifert SA**, Boyer LV, Bronstein AC, Jacobitz K, McNally J, Meza J. Medical Error Detection, Characterization and Reduction. *Clinical Toxicology (Phila)*, 2005; 43(6):686. Platform presentation, 2005 North American Congress of Clinical Toxicology (NACCT), Orlando, FL.
  39. Audi J, **Seifert SA**. Recurrence of coagulation abnormalities in an elderly patient after envenomation by an unseen crotaline snake in western Nebraska. *Journal of Medical Toxicology*, 2006;2(1):29. Platform presentation, 2005 Snakebites in the New Millennium: A State-of-the-Art Symposium, Omaha, NE.
  40. **Seifert SA**. Just a Naja envenomation. *Journal of Medical Toxicology*, 2006;2(1):30-31. Platform presentation, 2005 Snakebites in the New Millennium: A State-of-the-Art Symposium, Omaha, NE.
  41. **Seifert SA**. TESS-based characterization of non-native snake envenomation in the United States. *Journal of Medical Toxicology*, 2006;2(1):35-36. Platform presentation, 2005 Snakebites in the New Millennium: A State-of-the-Art Symposium, Omaha, NE.
  42. **Seifert SA**, Boyer LV. The quality of English language reports of envenomations by cobra, mamba, boomslang and Bitis snakes. *Journal of Medical Toxicology*, 2006;2(1):38. Platform presentation, Snakebites in the New Millennium: A State-of-the-Art Symposium, Omaha, NE.
  43. Audi J, Louwrens N, **Seifert SA**. Bronchiolitis obliterans organizing pneumonia (BOOP) in an elderly female after inhalation of sodium hydroxide with isobutane propellant oven cleaner. *Clinical Toxicology (Phila)*, 2006;44(5):627. Poster presentation, 2006 North American Congress of Clinical Toxicology (NACCT), San Francisco, CA.
  44. Daubert GP, Spiller HA, Crouch B, **Seifert SA**, Patel P, Simone K, Smolinske S. Pulmonary toxicity following exposure to waterproofing grout sealer. *Clinical Toxicology (Phila)*, 2006;44(5):668-669. Poster presentation, 2006 North American Congress of Clinical Toxicology (NACCT), San Francisco, CA.
  45. Fagot B, Audi J, Lubbert J, **Seifert SA**. Medication administration error resulting in an overdose of IV N-acetylcysteine in a pediatric patient without adverse effect. *Clinical Toxicology (Phila)*, 2006;44(5):716-717. Poster presentation, 2006 North American Congress of Clinical Toxicology (NACCT), San Francisco, CA.
  46. Audi J, **Seifert SA**, Jacobitz K. Introduction of poison center services to American Samoa. *Clinical Toxicology (Phila)*, 2006;44(5):728. Poster presentation, 2006 North American Congress of Clinical Toxicology Annual Meeting (NACCT), San Francisco, CA.
  47. Jacobitz K, **Seifert SA**, Oakes JA, Barthold CB. Introduction of Poison Center Services to the Federated States of Micronesia, a Previously Unserved Pacific Island Nation. *Clinical*



## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- Toxicology* 2007;45:612. Poster presentation, 2007 North American Congress of Clinical Toxicology (NACCT), New Orleans, LA.
48. Rogers JJ, Benson BE, **Seifert SA**. Toxic Exposure Surveillance System (TESS)-Based Characterization of Antibiotic Use in Native US Venomous Snakebite. *Clinical Toxicology* 2007;45:641. Poster presentation, 2007 North American Congress of Clinical Toxicology (NACCT), New Orleans, LA.
  49. Oakes JA, **Seifert SA**. Toxic Exposure Surveillance System (TESS)-Based Characterization of Human Tilmicosin Exposures, 2001 -2005. *Clinical Toxicology* 2007;45:643. Poster presentation, 2007 North American Congress of Clinical Toxicology (NACCT), New Orleans, LA.
  50. Lubbert J, Jacobitz K, **Seifert SA**. Suicide Exposures in Patients 60 Years of Age or Older: A 6-Year Review of a Single Poison Center's Records. *Clinical Toxicology* 2007;45:610. Poster presentation, 2007 North American Congress of Clinical Toxicology (NACCT), New Orleans, LA.
  51. **Seifert SA**. Exotic Antivenoms in the US. *Journal of Medical Toxicology* 2008;4(1):50-51. Platform presentation, Venom Week 2007, Tucson, AZ.
  52. **Seifert SA**. NPDS-Based Characterization of Native US Elapid and Viperid Envenomations. *Journal of Medical Toxicology* 2008;4(1):51-52. Platform presentation, Venom Week 2007, Tucson, AZ.
  53. Gutierrez J-M, Lavonas E, **Seifert SA**, and the Local Injury Working Group. Local Tissue Injuries in Venomous Snakebite. *Journal of Medical Toxicology* 2008;4(1):47. Platform presentation, Venom Week, 2007, Tucson, AZ.
  54. **Seifert SA**. AAPCC-database characterization of native crotalid envenomations in the U.S., 2001-2005 (abstract). *Clinical Toxicology (Phila)* 2008;46(5):409. Poster presentation, XXVIII International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 2008, Seville, Spain.
  55. **Seifert SA**, Kunkel S, Nogar J. Envenomation by an Asiatic spitting cobra. A case series. *Clinical Toxicology (Phila)*, 2008;46(7): 594-5. Poster presentation, 2008 North American Congress of Clinical Toxicology (NACCT), Toronto, CA.
  56. Greene SP, **Seifert SA**, Haynes JF, Baeza SH. Lethal Anaphylaxis to snake venom. *Clinical Toxicology (Phila)*, 2008;46(7):597. Poster presentation, 2008 North American Congress of Clinical Toxicology (NACCT), Toronto, CA.
  57. Farooqi MF, **Seifert SA**. Agitation with oral baclofen overdose. *Clinical Toxicology (Phila)*, 2008;46(7): 599. Poster presentation, 2008 North American Congress of Clinical Toxicology, Toronto (NACCT), CA.
  58. Farooqi MF, **Seifert SA**, Benson BE. Increased anion gap metabolic acidosis with prolonged dexmedetomidine infusion. *Clinical Toxicology (Phila)*, 2008;46(7):619. Poster presentation, 2008 North American Congress of Clinical Toxicology (NACCT), Toronto, CA.
  59. Farooqi MF, **Seifert SA**, Kunkel SJ, Johnson MI. Massive Clonidine Suspension Overdose. *Clinical Toxicology (Phila)*, 2008;46(7): 631. Poster presentation, 2008 North American Congress of Clinical Toxicology (NACCT), Toronto, CA.
  60. **Seifert SA**. Coral snakebite demographics, clinical effects, and treatment in the US, 2001 – 2005. *Journal of Medical Toxicology* 2009; 5(4):250 – 256. Platform presentation, Coral Snake Antivenom Conference, January 28, 2009, Washington, DC.
  61. **Seifert SA**, Letsky MC, Farooqi MF, Benson BE, Zumwalt RE. A Novel Collaboration between a Regional Poison Center and State Medical Examiner. *Clinical Toxicology (Phila)*, 2009; 47: 702. Platform presentation, 2009 North American Congress of Clinical Toxicology (NACCT), San Antonio, TX.
  62. Letsky MC, **Seifert SA**, Benson BE. Systems Issues in the Management of Carburetor-Cleaner Huffing-Related Methanol Exposures at a Regional Poison Center. *Clinical Toxicology (Phila)*, 2009; 47: 716. Poster presentation, 2009 North American Congress of Clinical Toxicology (NACCT), San Antonio, TX.

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

63. **Seifert SA**, Boyer LV, Rogers JR, Benson BE. Native U.S. venomous snake exposures reported to the AAPCC Database, 2001-2005. *J. Med. Toxicol.* 2010; 6:257. Platform presentation, Venom Week 2009, Albuquerque, NM.
64. LaMonica GE, **Seifert SA**, Rayburn WF. Rattlesnake bites in pregnant women. *J. Med. Toxicol.* 2010; 6:245. Platform presentation, Venom Week 2009, Albuquerque, NM.
65. Wolfe MD, Rayburn WF, **Seifert SA**. Black widow spider bites in reproductive age women and pregnancy. *J Med. Toxicol* 2010; 6:264. Platform presentation, Venom Week 2009, Albuquerque, NM.
66. **Seifert SA**. A research program at a small- to mid-sized U.S. poison center: 10-year scientific output. *Clin Toxicol (Phila)* 2010; 48(3):272. Poster presentation, North American Congress of Clinical Toxicology (NACCT) Meeting 2010, Denver, CO.
67. Vilay AM, Wong CS, Schrader RM, Mercier RC, **Seifert SA**. Acute kidney injury related to toxic exposures. *Pediatr Nephrol* 2010; 25: 52. Oral poster presentation, 2010 International Pediatric Nephrology Association meeting, NY, NY.
68. **Seifert SA**, Vilay AM, Wong CS, Schrader RM, Mercier RC. Characterization of Acute Kidney Injury in Toxic Exposures. *Clinical Toxicology (Phila)* 2010; 48(6): 615. Poster presentation, 2010 North American Congress of Clinical Toxicology (NACCT), Denver, CO.
69. Seifert SM, Schaechter JL, Hersorin ER, **Seifert SA**, Bronstein AC, Lipshultz SE. Energy drink exposures in the American Association of Poison Control Centers' National Poison Data System. *Clin Toxicol* 2011; 49(6): 570. Poster and Platform presentations, 2011 North American Congress of Clinical Toxicology (NACCT), Washington, DC.
70. Bush SP, **Seifert SA**, Pearl SR. Continuous infusion of Crotalidae Polyvalent Fab (Ovine) in a patient with rattlesnake envenomation. *Clin Toxicol* 2011; 49(6): 573-4. Poster presentation, 2011 North American Congress of Clinical Toxicology (NACCT), Washington, DC.
71. Kim JH, Bush S, **Seifert SA**, Reibling E, Phan T, AF Kim JH. Continuous infusion of Crotaline Fab antivenom for management of severe multi-system envenomation. Poster presentation, 2012 American Federation for Medical Research, Western Regional Meeting. *J Investig Med* 2012; 60(1): 217. doi: 10.231/JIM.0b013e318240c940
72. **Seifert SA**, Kirschner RI, Martin N. Recurrent, persistent, or late, new-onset hematologic abnormalities in Crotalinae snakebite. *Toxicon* 2012, 60(2): 128. Platform presentation, 17<sup>th</sup> IST World Congress/Venom Week 2012, Honolulu, HI.
73. Bush SP, **Seifert SA**, Smith SD, Phan TH, Pearl SR, Reibling EE. Continuous Crotalidae Polyvalent Fab (Ovine) (FabAV) for selected snakebite patients. *Toxicon* 2012, 60(2): 220 – 221. Platform presentation, 17<sup>th</sup> IST World Congress/Venom Week 2012, Honolulu, HI.
74. **Seifert SA**, White J, Currie BJ. Pressure bandaging with immobilization in Crotalinae envenomation controversy. *Toxicon* 2012, 60(2): 222. Platform presentation, 17<sup>th</sup> IST World Congress/Venom Week 2012, Honolulu, HI.
75. Lavonas EJ, Benson BE, **Seifert SA**. Failure to develop sensitization despite repeated administration of ovine Fab snake antivenom: A single-patient, multi-center case series. *Toxicon* 2012, 60(2): 226 – 227. Platform presentation, 17<sup>th</sup> IST World Congress/Venom Week 2012, Honolulu, HI.
76. Rollstin A, **Seifert SA**. Acetaminophen overdose in profound hypothermia. *Clinical Toxicology* 2012; 50 (7): 589. Poster presentation, 2012 North American Congress of Clinical Toxicology (NACCT).
77. Seifert SM, **Seifert SA**, Schaechter J, Arheart K, Benson BE, Hershorin ER, Bronstein AC, Lipshultz SE. Energy drink exposures in the American Association of Poison Control Centers (AAPCC) National Poison Data System (NPDS) database. *Clinical Toxicology* 2012; 50 (7): 641. Poster presentation, 2012 North American Congress of Clinical Toxicology (NACCT).

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

78. Benson BE, Boyer LV, **Seifert SA**. Non-native (exotic) snake envenomations in the U.S., 2005–2011. *Clinical Toxicology* 2012; 50 (7): 647-8. Poster presentation, 2012 North American Congress of Clinical Toxicology (NACCT).
79. **Seifert SA**, Brazzwell EM, Smeltzer C, Gibb J, Logan BK. Seizure and Acute Kidney Injury Associated with Synthetic Cannabinoid. *Clinical Toxicology*, *Clinical Toxicology* 2013; 51: 667. DOI: 10.3109/15563650.2013.817658. Poster presentation, 2013 Congress of Clinical Toxicology (NACCT).
80. **Seifert SA**, Kirschner RI, Martin TG. Acetaminophen levels prior to 4 hours: Don't just do something. Stand there! *Clin Tox (Phila)* 2014; 52(7):696-7. Poster presentation, 2014 North American Congress of Clinical Toxicology (NACCT), New Orleans, LA.
81. Kraai EP, **Seifert SA**. Citalopram Overdose: A Fatal Case. *Clin Tox (Phila)* 2014; 52(7):768. Poster presentation, 2014 North American Congress of Clinical Toxicology, New Orleans (NACCT), LA.
82. Bush SP, Ruha AM, **Seifert SA**, Morgan DL, Lewis BJ, Arnold TC, Clark RF, Meggs WJ, Toschlog EA, Borron S, Haynes J, Figge GR, Sollee DR, Shirazi FM, Wolk R, Quan D, Garcia-Ubbelohde W, Boyer LV. A Prospective, Multicenter, Double-Blind, Randomized, Controlled, Clinical Trial Comparing Crotalinae equine immune F(ab')<sub>2</sub> and Crotalidae Polyvalent Immune Fab (Ovine) for the Treatment of US Crotalinae Envenomation. *Clin Tox (Phila)* 2014; 52(7):686-7. Platform presentation, 2014 North American Congress of Clinical Toxicology (NACCT), New Orleans, LA.
83. **Seifert SA**, Arheart KL, Franco VI, Bronstein AC, Fisher SD, Warrick BJ, Seifert SM, Lipshultz SE. Energy Drink Exposures in the National Poison Data System: Epidemiology and Clinical Effects. Platform presentation, 2014 American Heart Association Scientific Meeting, Chicago, IL.
84. Ruha AM, Kang AM, Onisko NS, Greene S, Vohra R, **Seifert SA**, Smith E, Padilla-Jones A, The ToxIC Snakebite Study (TICSS) Group. Antibiotic Use in the Management of Snake Envenomation. *J Med Toxicol*, DOI: 10.1007/s13181-014-0458-4.
85. Morrow DG, **Seifert SA**, Warrick BJ, Irobi EO, Jaramillo GM Smolinske SC. Probable Green Tobacco Sickness from occupational preparation of e-cigarette products. *Clinical Toxicology* 2015; 53(7): 750. Poster presentation at the 2015 North American Congress of Clinical Toxicology (NACCT).
86. Spyres MD, Ruha AM, **Seifert SA**, Kleinschmidt KC, Padilla-Jones A, Smith E. Occupational Snake Bites: A Retrospective Cohort of Patients Reported to the ToxIC North American Snakebite Registry. *Clinical Toxicology* 2015; 53(7): 773. Poster presentation at the North American Congress of Clinical Toxicology (NACCT) 2015
87. **Seifert SA**, Kovnat D, Anderson VE, Green JL, Dart RC, Heard KJ. Acute hepatotoxicity associated with therapeutic doses of intravenous acetaminophen. *Clinical Toxicology* 2015; 53(7): 686. Poster presentation at the North American Congress of Clinical Toxicology (NACCT) 2015.
88. Smolinske SC, Warrick BJ, **Seifert SA**, Wamsley M, Boesen K, Banerji S, Welch S, Crouch B. Four Corners Coordinated Poison Center Role in Animas River Contamination. *Clinical Toxicology* 2016; 54(8): 686. Poster presentation, 2016 North American Congress of Clinical Toxicology (NACCT), Boston, MA.
89. Lee T, Warrick BJ, Sarangam P, Alunday RL, Bussman S, Smolinske SC, **Seifert SA**. The use of levetiracetam in drug-induced seizures. *Clinical Toxicology* 2016; 54(8): 755. Poster presentation, 2016 North American Congress of Clinical Toxicology (NACCT), Boston, MA.
90. Dart RC, Heard K, Bush SP, Arnold TC, Sutter ME, Campagne D, Holstege C, **Seifert SA**, Quan D, Borron SW, Meurer DA, Anderson VE. A Phase III Clinical Trial of Analatro® [Antivenin Latrodectus (Black Widow) Equine Immune F(ab)<sub>2</sub>] in Patients with

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- Systemic Latrotoxicity. *Clinical Toxicology* 2016; 54(8): 659. Platform presentation, 2016 North American Congress of Clinical Toxicology (NACCT), Boston, MA.
91. Warrick BJ, Sycamore K, Holbrook B, Smolinske SC, **Seifert SA**, Bau G, Bartelson BB, Severtson G, Green J, Dart RC. Prescription Opioid Abuse or Misuse in Pregnancy Using Poison Center Data. *Clinical Toxicology* 2016; 54(8): 718. Poster presentation, 2016 North American Congress of Clinical Toxicology (NACCT), Boston, MA.
  92. **Seifert SA**. The antivenom index: An online, systematic response to nonnative envenomations in the U.S. *Toxicon* 2016; 117: 107.
  93. **Seifert SA**, Warrick BJ, Smolinske SC. Arsenic for breakfast, lunch and dinner. Abstract presented at EAPCCT 2017, May, 2017. *Clinical Toxicology* 2017; 55 (5): 393.
  94. Smolinske SC, Warrick BJ, Garcia L, **Seifert SA**. Massive elemental mercury ingestion; Addicted to glitter. Abstract presented at NACCT 2018, October 2018. *North American Congress of Clinical Toxicology (NACCT) Abstracts 2018. Clin Toxicol (Phila)*. 2018 Oct;56(10):912-1092. doi: 10.1080/15563650.2018.1506610. Epub 2018 Sep 21.
  95. Christian Mateo Garcia , Mathew Cherian , Davood Tofighi, Jacob L. Nash, Susan Smolinske, **Steven A. Seifert**, Brandon J. Warrick. A systematic review and metaanalysis of alternative dosing to the FDA approved 3-bag regimen. (2019) *North American Congress of Clinical Toxicology (NACCT) Abstracts 2019, Clinical Toxicology*, 57:10, 895-896, DOI: 10.1080/15563650.2019.1636569. Poster presentation at 2018 NACCT, Chicago, IL
  96. Meghan L. Fletcher, Preeyaporn Sarangarm, Susan Smolinske, Jacob Nash, Robert L. Alunday, **Steven A. Seifert**, Brandon Warrick. A systematic review of second-line therapies in toxic seizures. (2019) *North American Congress of Clinical Toxicology (NACCT) Abstracts 2019, Clinical Toxicology*, 57:10, 928, DOI: 10.1080/15563650.2019.1636569. Poster presentation at 2018 NACCT, Chicago, IL
  97. Susan C Smolinske, Brandon J Warrick and **Steven A Seifert**. Delays, interruptions, and adverse reactions with IV acetylcysteine administration using traditional, 3-bag dosing. (2019) *39th International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 21-24 May 2019, Naples, Italy, Clinical Toxicology*, 57:6, 511-512, DOI: 10.1080/15563650.2019.1598646. Oral poster presentation at 2019 EAPCCT Annual Scientific Meeting, Naples, IT
  98. **Steven A Seifert** and Damon N Cano. Late, new-onset thrombocytopenia following Fab treated rattlesnake envenomation without early thrombocytopenia or post-antivenom platelet increase. (2019) *39th International Congress of the European Association of Poisons Centres and Clinical Toxicologists (EAPCCT) 21-24 May 2019, Naples, Italy, Clinical Toxicology*, 57:6, 579, DOI: 10.1080/15563650.2019.1598646. Poster presentation at 2019 EAPCCT Annual Scientific Meeting, Naples, IT
  99. **Seifert SA**, Mascarenas D, Fullerton L, Smolinske SC. Unpredicted late-, new-onset Thrombocytopenia and Hypofibrinogenemia in Fab Antivenom-Treated rattlesnake Envenomation. Presented at Venom Week 2020, Gainesville, FL. *Toxicon* 2020. Epub ahead of print.
  100. Ramirez M, Smolinske SC, Warrick BJ, **Seifert, SA**. Snake, Spider, Scorpion, Insect, and Marine exposures and envenomations in Pregnancy: Demographics, Effects, Managements and Outcomes in the National Poison Data System, 2011 – 2018. Presented at Venom Week 2020, Gainesville, FL.
  101. Mascarenas D, Fullerton L, Smolinske SC, Warrick BJ, **Seifert SA**. Comparison of F(ab')<sub>2</sub> and Fab antivenoms in Rattlesnake Envenomation: First year's post-marketing experience with f(ab')<sub>2</sub> in New Mexico. Presented at Venom Week 2020, Gainesville, FL.

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

102. Smolinske, SC, Warrick BJ, **Seifert SA**. Vinegaroon exposures reported to a poison center. Presented at Venom Week 2020, Gainesville, FL.
103. **Seifert SA**, Mascarenas D, Fullerton L, Smolinske SC. Unpredicted late-, new-onset Thrombocytopenia and Hypofibrinogenemia in Fab Antivenom-Treated rattlesnake Envenomation. Presented at Venom Week 2020, Gainesville, FL. *Toxicon* 2020. Epub ahead of print. <https://doi.org/10.1016/j.toxicon.2020.05.026>
104. Smolinske SC, Logothetis S, **Seifert SA**, Warrick BJ, Trubetskoy K, Iwanicki J, Dart R, Serotonin toxicity and/or opioid withdrawal after the first dose of naltrexone/bupropion: an observational study. Accepted to EAPCCT 2020, Tallinn, Estonia. Meeting cancelled but published as proceedings and presented at the NACCT 2020 virtual meeting, 9/20.
105. Mascarenas D, Fullerton L, Warrick BJ, Smolinske SC, **Seifert SA**. F(ab')<sub>2</sub> Antivenom Demonstrates Lower Rates of Recurrent or Late-, New-Onset Hematologic Effects Compared to Fab Antivenom for Rattlesnake Envenomation. Poster presentation, 2021 ACMT Annual Scientific Meeting, April 14-16, 2021. *Journal of Medical Toxicology* (2021) 17:134. *J. Med. Toxicol.* (2021) 17:93–153.
106. Neta Cohen, Mathew Mathew, Adrienne Davis, Jeffrey Brent, Paul Wax, Suzanne Schuh, Stephen B. Freedman, Blake Froberg, Evan Schwarz, Joshua Canning, Laura Tortora, Christopher Hoyte, Andrew L. Koons, Michele M. Burns, Joshua McFalls, Timothy J. Wiegand, Robert G. Hendrickson, Bryan Judge, Lawrence S. Quang, Michael Hodgman, James A. Chenoweth, Douglas A. Algren, Jennifer Carey, E. Martin Caravati, Peter Akpunonu, Ann-Jeannette Geib, **Steven A. Seifert**, Ziad Kazzi, Rittirak Othong, Spencer C. Greene, Christopher Holstege, Marit S. Tweet, David Vearrier<sup>31</sup>, Anthony F. Pizon, Sharan L. Campleman, Shao Li, Kim Aldy, Yaron Finkelstein, On behalf of ToxIC Pediatric Opioid Exposure Study Group. Predictors of Severe Outcome Following Opioid Overdose in Children: A Case-control Study of a Prospective Toxicology Surveillance Registry. Oral/Platform Presentation, 2021 NACCT, Atlanta GA. *Clinical Toxicology*. In Press.

### Refereed presentations at professional meetings (no published abstract):

1. **Seifert SA**, Use of the hand-held programmable calculator in emergency medicine, American College of Emergency Physicians Scientific Assembly 1981, New Orleans. LA, Platform
2. **Seifert SA**, Comparison of controllable tip tracheal tube in blind nasotracheal intubations American College of Emergency Physicians Scientific Assembly 1983, Atlanta, GA, Platform
3. **Seifert SA**, Aminoglycoside Dosing: Re-calculation of volume of distribution and elimination rate constant at the bedside, Symposium on Computer Applications in Medical Care 1985, Baltimore, MD, Platform
4. **Seifert SA**, Two beers, doing nothing, and minding your own business—a common pathway to intentional trauma. Humorous abstract competition, 1987 Society for Academic Emergency Medicine Annual Meeting. Platform
5. **Seifert SA**, Experience with a specialty based electronic bulletin board service, American Association of Medical Systems and Informatics Congress 1987, San Francisco, CA, Poster
6. **Seifert SA**, Clinical Software, Society for Academic Emergency Medicine 1990 Minneapolis, MN, Poster
7. **Seifert SA**, Clinical Software, Society for Academic Emergency Medicine 1991, Washington, DC, Poster
8. **Seifert SA**. Acetaminophen-induced renal toxicity without hepatic injury. European Association of Poison Centres and Clinical Toxicologists (EAPCCT) 2004, Strasbourg, France, Poster
9. **Seifert SA**. Gila Monster (*Heloderma suspectum*) envenomation at a zoo. European Association of Poison Centres and Clinical Toxicologists (EAPCCT) 2004, Strasbourg, France, Poster

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

10. Bush SP, **Seifert SA**, Pearl SR. Continuous infusion of Crotalidae Polyvalent Fab (Ovine) in a patient with a severe rattlesnake envenomation [abstract]. 2011 Loma Linda University School of Medicine Annual Postgraduate Conference, Loma Linda, California. (Best poster presentation, case reports).
11. Brown S, **Seifert SA**, Elwell EC, Rayburn WF. Antibiotic Prescribing for Snake Envenomations during Pregnancy. Poster, 2013 Infectious Diseases Society for Obstetrics and Gynecology Meeting. Albuquerque, NM, 8/13.
12. Na C, Wang S, Wong D, Benson BE, **Seifert SA**, Stowe M, Rabinowitz P. How does weather and location influence rattlesnake bites? Poster, Yale School of Public Health Scientific Symposium, 10/13.
13. Warrick BJ, Freeman L, Davis J, Myers OB, **Seifert SA**, Lathrop SL, Smolinske S. An analysis of recent criminal convictions among individuals who overdosed in New Mexico. Presented at the 2016 American Society of Criminology Meeting, New Orleans, LA. 11/16.
14. Warrick BJ, Freeman L, Davis J, Myers OB, **Seifert SA**, Sklar D, Lathrop SL, Gonzalez M, Bagwell S, Smolinske SC. A Pilot Program Combining Prescription Monitoring Program, Medical Investigator, and Criminal Justice Databases. Abstract, 2016 American College of Emergency Physicians Fall Meeting.
15. Musleh AI, Warrick BJ, Smolinske SC, Kao RA, **Seifert SA**. Risk of exposure to medical providers from patients who have ingested metal phosphides. Abstract (335) accepted for poster presentation at the 2016 American College of Emergency Physicians Research Forum, Las Vegas, NV, October 2016.

### Grant Support

- Clinical trials of Analatro Black Widow Spider antivenom
  - 10% effort
  - Industry contract, Rocky Mountain Poison Center/Silanes-Bioclon
  - 7/11 – 8/14
  - \$49,577
- HRSA Poison Center Grant; Co-PI, Medical Director
  - Variable
- Clinical trials of Antivipmyn *Crotalinae* snake antivenom
  - 10% effort
  - Industry contract, Rare Disease Therapeutics/Silanes-Bioclon
  - 10/07 – 10/11
  - \$42,688
- Developing a strategic exotic antivenom system, antivenom use registry, clinical database, management reviews and enhancements to the online Antivenom Index.
  - Steven Seifert, MD, PI
  - 20% effort
  - HRSA 1 U4BHS08565-01-00
  - 9/07 – 8/09
  - \$375,000
- Mass spectrometry in clinical diagnosis of nerve agent exposure
  - Oksana Lockridge, PI
  - 20% effort

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- NIH 1 U01 NS058056-01
- 10/06 – 9/09
- \$1,393,249
  
- Medical Direction, NRPC
  - Steven Seifert, MD, PI
  - 20% effort
  - Poison Center Enhancement and Stabilization; Department of Health and Human Services, Maternal Child and Health Bureau, Health Resources and Services Administration (DHHS/MCHB/HRSA) #7H4BMC02321-01-00.
  - 9/01 – present (renewable).
  - \$250,000
  
- Teleconferencing for Midwest Poison Centers.
  - Ernest Stremski, PI.
  - 5% effort.
  - Department of Health and Human Services, Maternal Child and Health Bureau, Health Resources and Services Administration.
  - 10/05 – 9/07
  - \$199,750
  
- Toxicologic analysis of objects repatriated under NAGPRA
  - Winnebago Tribe, PI
  - 10% effort
  - NAGPRA
  - 1/07 – 4/07
  - \$75,000
  
- IV v. PO NAC.
  - Richard Dart, MD, PhD, PI
  - 5% effort
  - Rocky Mountain Poison and Drug Center. Denver CO
  - 9/05 – ongoing
  - \$10,000
  
- Hematologic recurrence with CroFab
  - Richard Dart, MD, PhD. PI
  - 5% effort
  - Rocky Mountain Poison and Drug Center, Denver, CO.
  - 9/04 – ongoing
  - \$10,000

### Past Grant and Contract Funding

- Resources for Management of Exotic Snakebite
  - Leslie Boyer, MD, PI
  - 25% effort
  - Department of Health and Human Services, Maternal Child and Health Bureau, Health Resources and Services Administration (DHHS/MCHB/HRSA) # H4B MC 00938-01-01

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- 9/03 – 8/06
- \$250,000
  
- Pesticide contamination of objects repatriated under NAGPRA.
  - Winnebago Tribe, PI
  - 5% effort
  - NAGPRA
  - 2/04 – 5/04
  - \$75,000
  
- Antidotes in common poisonings poster
  - Steven Seifert, MD, PI
  - 5% effort
  - Orphan Medical, Inc
  - 2/03
  - \$5,865
  
- Medical Direction of Health Alert Network
  - Steven Seifert, MD, PI
  - 12%
  - Health Alert Network of Nebraska enhancement; Nebraska Health and Human Services System (NeHHSS)
  - 9/02 – 8/03
  - \$24,000
  
- Medical error detection and reduction in poison centers.
  - Steven Seifert, MD, PI
  - Department of Health and Human Services, Maternal Child and Health Bureau, Health Resources and Services Administration (DHHS/MCHB/HRSA) #1 H4B MC 00041-01 & -02.
  - 9/01 - 2/05.
  - \$375,000
  
- Nebraska Health Care Cash fund. Medical Direction for the Nebraska Regional Poison Control Center.
  - Steven Seifert, MD, PI
  - 50% effort
  - 10/00 – 9/03.
  - \$450,000; Medical Director
  
- Pesticide contamination of objects repatriated under NAGPRA.
  - Hopi Tribe, PI
  - 5% effort
  - 7/99 - 3/01
  - \$75,000
  
- Clinical trial of CroFab antivenom.
  - Steven Seifert, Site PI
  - 25% effort
  - Protherics, Inc.
  - 7/93 – 6/97



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- \$75,000
- Evaluation of etodolac for acute musculoskeletal pain.
  - Harvey Meislin, MD, PI
  - 10% effort
  - Ayerst Labs
  - 7/82 – 6/83
  - \$75,000

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

### Mentoring of other faculty in research or scholarship.

- Maria Ramirez, Medical Student IV, Research Project on envenomations in pregnancy; Abstract accepted for platform and presented at Venom Week 2020.
- Danielle Mascarenas, Pediatric Emergency Medicine Fellow
  - Fellowship Research Committee
    - Research project on first years' Anavip experience, Abstract accepted for platform and presented at Venom Week 2020
  - Co-investigator on snakebite antivenom research project, 2020.
- Benny Chen, Pediatric Emergency Medicine Fellow
  - Fellowship Research Committee
    - Research project on changing patterns of pediatric cannabis exposures following legal changes in NM and neighboring states.
- Shonita Das, MBBE, Emergency Medicine Resident, International rotator, 3/19
- Anisah Adnan, MBBE, Program Director, International Fellowship in Medical Toxicology 4/15 – 3/16.
- Brandon Warrick, MD. Mentoring in faculty development, research and publication. 7/13 - present
- Erik Kraai, MD, Dept of Internal Medicine
  - Co-authored a case report of citalopram overdose.
- Amber Rollstin, MD, Dept. of EM
  - Co-authored a case report which resulted in an abstract presented at NACCT and a full manuscript accepted for publication in a peer-reviewed journal. 2012
- Steffen Brown, MD, OB-Gyn MFM Fellow
  - Co-authored a review of envenomations and the use of antivenom in pregnancy which resulted in a full manuscript accepted for publication in a peer-reviewed journal. 2012
- Mary Vilay
  - Co-investigator in a research project of nephrotoxic drugs which resulted in an abstract presented at NACCT and a full manuscript accepted for publication in a peer-reviewed journal. 2008 – 2012
- Gene LaMonica, MD, OB-Gyn Fellow
  - Co-investigator in a research project on rattlesnake bites in pregnancy which resulted in an abstract presented at Venom Week 2009, an international scientific meeting, and a full manuscript accepted for publication in a peer-reviewed journal. 2009
- Michael Wolfe, MD, OB-Gyn Fellow
  - Co-investigator in a research project on black widow spider envenomations in pregnancy which resulted in an abstract presented at Venom Week 2009, an international scientific meeting, and a full manuscript accepted for publication in a peer-reviewed journal. 2009
- Jennifer A. Oakes, MD
  - 7/05 – 6/07
  - Faculty member recruited to the University of Nebraska Medical Center (UNMC) and the Nebraska Regional Poison Center (NRPC). Mentoring in poison center administration, graduate medical education, and development of a program of research and publication.
  - Outcomes:
    - I helped her to develop a clinical rotation for pharmacy students at the poison center
    - Dr. Oakes attained promotion from Assistant to Associate Medical Director of the poison center and then to Medical Director on my departure

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- I helped her to develop a core lecture series for emergency medicine residents
- Dr. Oakes organized a regional conference on weapons of opportunity
- I helped her to develop a preliminary program of research and publication
  - Dr. Oakes presented original research at both national and international scientific meetings
  - Dr. Oakes published four abstracts and one full manuscript of original research
    - Three abstracts accepted for presentation at 2007 NACCT and publication in Clinical Toxicology
    - Manuscript accepted for publication in the Journal of Medical Toxicology, 4/08
  - I arranged for Dr. Oakes to author a chapter in Civetta's Critical Care Medicine
- Claudia B. Barthold, MD
  - 7/06 – 6/07
  - Faculty member recruited to the University of Nebraska Medical Center (UNMC) and the Nebraska Regional Poison Center (NRPC). Mentoring in poison center administration, graduate medical education, and development of a program of research and publication.
  - Outcomes:
    - Helped to develop a lecture series for poison center CSPIs
    - Helped to develop a preliminary program of research and publication
      - One abstract accepted for NACCT 2007
      - I arranged for Dr. Barthold to author a chapter in Civetta's Critical Care Medicine
- Jodi Rogers, MD
  - 7/07 – 6/11
  - Faculty member at the University of New Mexico School of Medicine.
    - Collaborated on poison center database analysis of antibiotic use in native snakebites
    - Co-authored an accepted abstract/poster for the 2007 NACCT
    - Co-authoring a manuscript on native snake envenomation.
- Susan Kunkel, PharmD, Mariya Farooqi, PharmD, Michael Letsky, PharmD
  - 7/07 – 7/10
  - PharmD fellows in clinical toxicology
    - Collaborated on fellows research projects
    - Co-authored 3 full manuscripts and 4 abstracts, 7/07 – 4/08
    - Four abstracts accepted for presentation at the North American Congress of Clinical Toxicology

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

### Teaching / Education

- **Classroom, laboratory teaching, and tutoring (courses or blocks taught or team-taught):**
  - Year, semester, phase of curriculum, name of course or block; course number; number of students, role in course or block (e.g., number of lectures, labs, small group sessions, etc.).
  
- **Lectures given in team-taught courses**
  - 7/07 – Present: COP 735 Substance abuse elective.
  - 7/07 – present: COP Tox 782 (multiple lectures); COP Drugs of Abuse; CON NP Program, The poisoned patient; Drugs of Abuse
  - 7/01 – 6/07, UNMC Tox 888 Course: Basic Pharmacology / Toxicology (Course Director: Eleanor Rogan) (yearly, two lectures).
  - 7/01 – 6/07, UNMC College of Pharmacy Pharmacotherapy / Toxicology (Course Director: Eric Scholar) (yearly, two lectures).
  - 7/03 – 6/07, UNMC MPH program, Environmental toxicology, (Course Director: Susanna Von Essen) (yearly, one lecture).
  - 7/07 – present, UNM Pharmacy Course 782 (Course Director: Jess Benson 2007 – 2013; Susan Smolinske, 2014 - present) (yearly, multiple lectures).
  
- **Post-graduate Medical Education**
  - 7/01 – 6/07, Omaha-area Emergency Department Toxicology Update Lecture Series: UNMC, Creighton, Bergen Mercy, Immanuel, Methodist, Midlands Hospitals (yearly).
  - 9/03 – 6/07, UNMC Section of Emergency Medicine Case Conference / Journal Club Series (twice yearly).
  - 2/04 – 6/07, UNMC Department of Surgery Grand Rounds (yearly).
  - 5/08 – present, Grand Rounds, New approaches to the management of the poisoned patient. New Mexico Hospitals Education Project
    - 5/08 – 7/08: Los Alamos, Espanola, Raton, Taos, Farmington, and Shiprock Hospitals
  - 5/08 – UNM/ACEPNM Emergency Medicine Symposium. Snakebites in the Southwest.
  
- **Resident and fellow teaching and mentoring**
  - 7/07 – present, Monthly Core Content Toxicology Lecture, UNMSOM EM Residents
  - 7/01 – 6/07, UNMC Occupational Medicine Elective Poison Center Rotation and Lecture Series (monthly).
  - 7/01 – 6/07, UNMC/Creighton Pediatric Noon Conference Toxicology Lecture Series (monthly).
  - 6/02 – 6/07, UNMC/Creighton Pediatric Specialty Boards Toxicology Review (yearly).
  - 9/03 – 6/07, UNMC Internal Medicine Residents Noon Conference Series (twice yearly).
  - 7/04 – 6/07, UNMC Emergency Medicine Resident Toxicology Lecture Series (monthly) and Poison Center clinical rotation (24 weeks/yr; Education Director 7/04 – 7/05).
  - 7/07 – present, UNM Emergency Medicine Resident Toxicology Lecture Series (monthly)

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- 7/07 – present: Residents, Medical and Pharmacy Students on educational rotations at the poison center
- **Poison Center, Continuing Poison Specialists Education**
  - 7/07 – present: CME and Quality Assurance, NMPDIC SPIs
  - 7/01 – 6/07, CME Lecture Series for Specialists in Poison Information Nebraska Regional Poison Center
  - 7/04 – 6/07, Poison center clinical rotations for UNMC and Creighton pharmacy students (4 to 5 weeks; daily rounds, daily lecture, supervision of research / presentation project)
  - 7/05 – 6/07, Poison center clinical rotations for UNMC Emergency Medicine Residents
  - 7/07 – present, CME Lecture series for SPIs, New Mexico Poison and Drug Information Center.

### Service

- **Present patient care and service activities**
  - 7/07 – present: Telephone consultations with healthcare providers regarding acute/chronic poisoning exposures, NMPDIC, Albuquerque, NM.
  - 7/07 – present: Daily poison center rounds on all active/admitted patients in service region, NMPDIC, Albuquerque, NM.
  - 7/07 – present: Bedside toxicology consultation, University of New Mexico Hospital, Albuquerque, NM.
  - 9/07 – present: Toxicology Clinic, The University of New Mexico School of Medicine, Albuquerque, NM.
- **Past patient care activities**
  - 2/99 – 6/01: Poison center rounds and telephone consultations (1 wk/mo), Arizona Poison and Drug Information Center, Tucson, AZ
  - 7/77 – 2/01: Emergency Medicine, multiple sites.
  - 7/01 – 6/07: Daily poison center rounds on all active/admitted patients in service region, Nebraska Regional Poison Center (NRPC), Omaha, NE
  - 7/01 – 6/07: Telephone consultations with healthcare providers regarding acute/chronic poisoning exposures, NRPC
  - 7/01 – 6/07: Bedside toxicology consultations, The Nebraska Medical Center, Creighton University Medical Center, Children's Hospital, Omaha, NE
  - 7/03 – 6/07: Toxicology Clinic, The Nebraska Medical Center, Omaha, NE
- **University, SOM, HSC administrative duties**
  - 1/05 – 6/07: Member, Pharmacy and Therapeutics Committee, UNMC, Omaha, NE
  - 7/01 – 6/07: Member, Pharmacy and Therapeutics Committee, Children's hospital, Omaha, NE
  - 7/07 – present: Member, Pharmacy and Therapeutics Committee, UNMH, Albuquerque, NM.
- **University, SOM, HSC, department committees**
  - 8/81 – 9/81: Chair, Disaster Committee, University of Arizona Health Science Center, Tucson, AZ
  - 1/92 – 1/01: Chair, Bioethics Committee, Kino Community Hospital, Tucson, AZ
  - 1/92 – 1/01: Chair, Institutional Review Board, Kino Community Hospital, Tucson, AZ
  - Ad Hoc Poison Center Acquisition Committee, TNMC/UNMC, 7/03 – 9/03

## Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format

- Ad Hoc Poison Center Relocation Committee, TNMC/UNMC, 9/03 – 9/05
- 7/03 – 6/07: Member, UNMC, Department of Pediatrics Section Chiefs
- Ad Hoc Poison Center Strategic Planning Committee, TNMC, 9/03 – 6/07
  
- **Local, state, regional, national committees**
  - 5/89 - 5/94 (Chair, 5/90-5/93): Technology Committee, Society for Academic Emergency Medicine
  - 9/05 – 9/06: Chair, Extramural funding committee, ACMT
  - 9/06 – 9/07: Chair, Membership Committee, ACMT
  - 2/07 – 9/10: Chair, NPDS data quality committee (ad hoc), American Association of Poison Control Centers
  - 2007 – 2010: Chair, Envenomation Interest Group, American Association of Clinical Toxicologists
  - 2005 – 2012, Member Board of Directors, American Association of Poison Control Centers; Secretary to the BOD, 2010 – 2012.
  - 2009 – 2012: Member, New Mexico HB 77 Prescription opioid task force
  - 2012 – present: Member, SB 215 Governor's Advisory Council on Prescription Opioid-Related Fatalities.

## **Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format**

### **Brief Narrative of Research/Teaching/Service**

#### **Research**

My overarching research interest has been in the area of snake envenomations, antivenom development, and non-native venomous snakebite management systems. I have been an active site investigator in three Phase 3 clinical antivenom trials and have been a primary co-author of the clinical trials manuscripts. Two, CroFab and Anavip (crotaline snakes), have received FDA approval, and the third, Analatro (black widow spiders) is currently submitted for FDA approval. The CroFab clinical trial uncovered the previously unknown phenomenon of venom effect recurrence. I have subsequently researched and published extensively on this phenomenon, elucidating the kinetics and dynamics of immunoglobulin antivenoms, determining predictive indicators of recurrence and I helped develop and test a novel drug administration method to manage this phenomenon. I have also been involved in the issue of exotic envenomations. Under a federal DHHS/HRSA grant, I led a team that developed a real-time, interactive, online non-native envenomation resource, the Antivenom Index (<https://avi.pharmacy.arizona.edu/a/index#top>), helped to develop a national program of strategic exotic antivenom distribution, developed clinical protocols for the most commonly involved species, currently am the lead clinician of advisory group of individuals who serve as a resource to clinicians and medical toxicologists managing such envenomations, and have been an advisor to the FDA on antivenom-related issues. I have done additional academic research on acetaminophen toxicity, nephrotoxic exposures, and other studies, case series and reports, many based on an analysis of the national database of the American Association of Poison Control Centers. Most recently, I originated a study of the use of levetiracetam in the management of toxicological seizures and a systematic review of the management of toxic seizures.

## **Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format**

### **Teaching**

At the University of Nebraska Medical Center, I participated in the education of graduate pharmacology students, medical, nursing, pharmacy and other health science students, medical residents of all specialties, and practicing physicians. I developed a 24-month cycle of core content lectures for emergency medicine residents and a month-long program for rotating students and residents at the poison center, which I have continued at the University of New Mexico School of Medicine. I also have given specialty-relevant talks to the pediatric, internal medicine and psychiatry residents, and forensic pathology fellows, and have given Grand Rounds to the Departments of Emergency Medicine, Pediatrics, Surgery, Orthopedics, and Neurology. I also provide continuing education to community physicians across New Mexico through site visits and a webinar lecture series. I have developed the curriculums of, and participated in, regional and national toxicology education programs as well, notably a course on clandestine methamphetamine laboratories developed for the American College of Medical Toxicology under a cooperative agreement with the Agency for Toxic Substances and Disease Registry of the US Department of Health and Human Services, and also written numerous book chapters in toxicology and other medical texts, review articles in high-quality peer-reviewed journals, am a feature editor for publication of abstracts from a periodic, international venom symposium, am an author of PoisIndex, the primary medical reference used by all US poison centers, and Up-to-Date, a primary, electronic medical reference. Internationally, I have been a faculty member in the Toxinology Short Course of the University of Adelaide and in the AACT/ACMT Short-Short Course in Toxinology and in its shortened version at the North American Congress of Clinical Toxicology.



## **Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format**

### **Service**

In my early years of medical practice, I was a co-founder of Physicians for Social Responsibility of Southern Arizona, and later served on the Board of Directors of the Southern Arizona Center Against Sexual Assault. In that capacity, I developed a city-wide forensic nurse examiner program for the evaluation and care of victims of sexual assault which was later expanded to Phoenix and for which I received a number of honors, including a JC Penny volunteer award, an Arizona Governor's Recognition Award, and a US Presidential Service Award nomination by the state of Arizona. I have been a leader in my clinical field and its professional societies, having served on the Boards of Directors of the American Association of Poison Control Centers and the American College of Medical Toxicology. I have served as a national committee chair for the American Academy of Clinical Toxicology and the Society for Academic Emergency Medicine. I have been moving steadily in the direction of medical editing throughout my medical career. I have been a manuscript peer-reviewer for numerous scientific journals, including NEJM and Pediatrics. I was named a senior reviewer for the Annals of Emergency Medicine for sustained excellence in peer-review and a Top Reviewer for Toxicon. I have guest edited special journal sections in the Journal of Medical Toxicology and Toxicon and guest edited special issues of Toxicon. I served as the AAPCC representative to the Senior Editorial Board of Clinical Toxicology, the Editor of the Medical Toxicology History section and, from 2015 to 2017, I served as an Associate Editor of the journal. In an effort to study medical editing in a systematic way, I enrolled in a medical editing certification program at the University of Chicago, earning an advanced certificate in medical writing and editing. In January, 2017, I was appointed as Editor-in-Chief of Clinical Toxicology.

## **Curriculum Vitae, Steven A. Seifert, Standard UNM SOM Format**

I have served on FDA panels and a Special Study Section of the National Institutes of Health (NIH). I currently am a consultant to the FDA on the Drug Safety and Risk Management Committee. I originated a periodic and ongoing series of international scientific symposiums (“Venom Week Symposiums”) on venom-related issues. In 2012 I helped establish the North American Society of Toxinology (NAST) to produce and support these meetings and served as its inaugural President from 2012 to 2016. Since 2009, I have had an increasing focus on institutional and public health initiatives regarding medication safety, serving on the UNMH Pharmacy and Therapeutics Committee and a number of statewide committees, most recently the New Mexico Governor’s Advisory Committee, from 2012 to 2018, representing the University of New Mexico, regarding prescription opioid-related deaths.

I have also managed to convert several of my outside interests into general and medical service. Most recently, as a jazz tenor saxophonist, since 2012, I have performed regularly in the Arts-in-Medicine concert series at the University of New Mexico Hospital.