

Jeremy James Kudrna

MD Candidate Class of 2020
University of South Dakota Sanford School of Medicine
605-484-7797
Jeremy.Kudrna@coyotes.usd.edu

EDUCATION

2016 – Present **MD Candidate Class of 2020**

University of South Dakota – Sanford School of Medicine (SSOM) – Vermillion, SD; Rapid City, SD

- *Vance Thompson Vision ophthalmology rotation – Sioux Falls, SD*
- *University of Tennessee Health Sciences Center ophthalmology rotation – Memphis, TN*
- *University of Colorado ophthalmology rotation – Aurora, CO*
- SBIRT (Screening, Brief Intervention, and Referral to Treatment)-certified

2013 – 2014 **MS Medical Sciences**

University of South Florida – Morsani College of Medicine Graduate Programs – Tampa, FL

2009 – 2013 **BS Neuroscience**

University of Minnesota, College of Biological Sciences – Minneapolis-St. Paul, MN

- Community Engagement Scholars Program; Pi Kappa Alpha Fraternity – Beta Chi Chapter

2005 – 2009 *St. Thomas More Catholic High School – Rapid City, SD*

- Back-to-Back State A Basketball Champion; State B Baseball All-State and Champion

PEER-REVIEWED PUBLICATIONS

2015 **Kudrna JJ, Ugen KE. Gene-Based Vaccines and Immunotherapeutic Strategies Against Neurodegenerative Diseases: Potential Utility and Limitations.** *Human Vaccines and Immunotherapeutics*. DOI: 10.1080/21645515.2015.1065364

- 2014-2016 *Human Vaccines and Immunotherapeutics* Journal Reviewer

2015 **Kudrna J, Shore M, Wassenberg D. Considering the Role of “Need for Cognition” in Students’ Acceptance of Climate Change and Evolution.** *The American Biology Teacher*, Vol. 77 No. 4, pp. 250-257. DOI: 10.1525/abt.2015.77.4.4

- 2014-2016 *The American Biology Teacher* Journal Reviewer

CURRENT RESEARCH

2016 – Present **Evaluating the Effects of a Multi-Pressure Dial on Pattern Electroretinography in Ocular Hypertension, Glaucoma Suspect, and Mild Open-Angle Glaucoma**

Study Manager responsible for leading clinical trials: designing protocols, writing/submitting IRB documents, recruiting study subjects, obtaining informed consents, training ophthalmologic staff, applying for grants, presenting data, and writing publications

- Colleagues: Adam Bleeker, BA, Tanner Ferguson, MD, Steven Ferguson, OD, Brandon Baartman, MD, Russell Swan, MD, Ramu Sudhagoni, PhD, Paul Yoo, OD, Michael Greenwood, MD, John Berdahl, MD, Vance Thompson, MD

2018 – Present **Evaluating the Efficacy of Pediatric Vision Screening in Western South Dakota**

Finalizing publication submission, in coordination with the Northern Plains Eye Foundation, to the *Journal of Pediatric Ophthalmology and Strabismus*

- Colleagues: Matthew Johnson, BS, Gabriel Sexton, BS, Joseph Turner, BS, Eric Habbe, MD, Andrea Petersen, MD, Ryan Scarborough, OD, Terrence Spencer, MD

PRESENTATIONS

- 2019 **Evaluating the Effects of a Multi-Pressure Dial on Pattern Electroretinography in Ocular Hypertensive, Glaucoma Suspect, and Mild Open-Angle Glaucoma**
Poster at *American Glaucoma Society Annual Meeting* – San Francisco, CA
Poster at *AQA and Scholarship Pathways SSOM Scholars' Research Symposium* – Sioux Falls, SD
- 2018 **Evaluating the Efficacy of Pediatric Vision Screening in Western South Dakota**
Presentation at *Healthcare Quality Improvement Projects, SSOM Medical Student Symposium* – Rapid City, SD
- Colleagues: Matthew Johnson, BS, Gabriel Sexton, BS, Joseph Turner, BS
- 2018 **See What You Can Do at the South Dakota Rehabilitation Center for the Blind and Visually Impaired**
Poster at *Cultural Immersion Week, SSOM Medical Student Symposium* – Rapid City, SD
- Colleague: Dawn Backer, CLVT
- 2017 **What ELSE is in a Medical Degree? Assessing LCME Accreditation Standards and Exploring Professional Development Curriculum**
Discussion Moderator at *AAMC Mayo Clinic Central Group Student Affairs/Central Organization of Student Representatives Regional Meeting* – Rochester, MN
- Colleagues: Joshua Lorenz, BS, Robin Michaels, PhD, Paul Bunger, PhD
- 2013 **Considering the Role of "Need for Cognition" in Students' Acceptance of Climate Change and Evolution**
Poster at *National Lilly Conference on University Teaching & Learning* – Greensboro, NC
Poster at *University of Minnesota Undergraduate Research Symposium* – Minneapolis, MN
- Colleagues: Marta Shore, MS, Deena Wassenberg, PhD
- 2013 **My First Lecture: Reflecting on 4 years of Community Service**
Speaker at 2013 Commencement Ceremony for the Community Engagement Scholars Program (undergraduate honors community service program)– Minneapolis, MN
- Colleague: Laura Dammer Hess, MLS

ACADEMIC AWARDS

- 2019 **Gold Humanism Honor Society Inductee**
- 2018 – 2019 **\$6,000 Medical Student Research Grant; SSOM Development Scholarship; Ron Trautman Medical Student Scholarship**
- 2017 – 2018 **Dr. Charley and Elizabeth Gutch Medical Student Scholarship**
- 2016 – 2017 **Alma Carlson Medical Student Scholarship**
- 2013 **\$2,000 Undergraduate Research Opportunities Program Grant**

EMPLOYMENT

- 2016 – 2017 **University of South Dakota – SSOM** – Sioux Falls, SD
Department of Student Affairs – Student Driver
- Transport peers to mandatory curricular activities
- 2016 **University of Colorado Hospital – Anschutz Medical Campus** – Aurora, CO
Department of Ophthalmology – Patient Access Representative (Administrative Assistant)

- 2014 – 2016 • Scheduled patient appointments and assisted with clinical operations
Department of Emergency Medicine – ScribeAmerica Certified Medical Scribe Specialist
- 2014 – 2016 • Documented EPIC™ electronic medical records for all emergency medicine attendings
Department of Emergency Medicine – ScribeAmerica Patient Champion (Healthcare Navigator)
- Helped patients make primary care appointments, apply for health insurance, and understand community resources
- 2011 – 2012 **University of Minnesota, College of Biological Sciences** – Minneapolis-St. Paul, MN
Department of Biology – Biology Colloquium Student Coordinator and Teaching Assistant
- Coordinated scientific presentations and tours for class sizes of ~40 students per semester
Department of Biology – Nature of Life Peer Mentor and Teaching Assistant
- Facilitated ~400 first-year undergraduate students' orientation to college

SERVICE AND LEADERSHIP

- 2016 – Present **Elected Class of 2020 AAMC Organization of Student Representative** – SSOM
- Co-authored nomination for *2018 Arnold P. Gold Foundation Humanism in Medicine Award* recipient and my SSOM psychiatry preceptor, Mark Garry, MD
- Assisted with 2017 medical school reaccreditation and curriculum development processes
- 2018 – Present **Northern Plains Eye Foundation** – Rapid City, SD
- Assist non-profit organization's efforts to fundraise and photoscreen children
- 2018 – Present **Elected Class of 2020 Rapid City Campus Representative** – SSOM
- 2017 – Present **Peer-to-Peer Mentoring** – Vermillion, SD; Miller, SD; Rapid City, SD
- Share career journey insights with high school and undergraduate students
- 2018 **University of Colorado Hospital – Anschutz Medical Campus** – Aurora, CO
Department of Ophthalmology – Extended Academic Observer
- 3-week (~100 hours) experience assisting in each sub-specialty
- 2016 *Department of Ophthalmology – Post-Anesthesia Care Unit*
- 3-month (~50 hours) experience administering satisfaction surveys to post-op patients
- 2017 **Pine Ridge Indian Reservation** – Kyle, SD
- 2-day experience assisting in family medicine, podiatry, and women's health clinics
- 2015 **New York City Marathon Finish Line Medical Tent**– New York, NY
- Interprofessional medical team helped treat 2,010 athletes
- 2010, 2012 **Medical Mission Trips** – Panama and Costa Rica; Baltimore, MD

PROFESSIONAL MEMBERSHIPS

Society for Neuroscience; American College of Surgeons

INTERESTS

Athletics (Basketball, Tennis, Ping-Pong, Spike Ball, Snowboarding), Hiking, Podcasts, Cooking, Scuba Diving