

Shane E. Schellpfeffer

Curriculum Vitae

EDUCATION

- Doctor of Philosophy (PhD), Educational Foundations and Research** (In progress)
(Research Methodologies Emphasis)
University of North Dakota; Grand Forks, ND
- Doctor of Education (EdD), Educational Administration** May 2012
(Adult and Higher Education Emphasis)
University of South Dakota; Vermillion, SD
- Master of Education (MEd), Secondary Education** Dec. 2004
Texas Christian University; Fort Worth, TX
- Bachelor of Arts (BA), Mathematics** May 2002
Augustana College; Sioux Falls, SD

ADVANCED EDUCATION & TRAINING

- National Center for Education Statistics (NCES) Data Institute** 2021
Sponsored by the Association for Institutional Research; Tallahassee, FL
- Graduate Certificate, Educational Research Methodology** Aug. 2020
University of Illinois at Chicago; Chicago, IL
- Graduate Certificate, Learning Analytics** Aug. 2020
University of North Dakota; Grand Forks, ND
- Harry J. Canon Fellowship, Student Affairs Assessment** 2010–2011 AY
Northern Illinois University; DeKalb, IL

PROFESSIONAL EXPERIENCE

- Associate Director of Assessment** May 2021–Present
Office of Assessment
Kansas State University; Manhattan, KS

- Organize and oversee distribution, data collection, and analysis for three university-wide surveys.

- Work with the director of assessment to manage the assessment process for undergraduate programs and co-curricular units across campus.
- Provide assessment report feedback for all undergraduate programs and co-curricular units across campus.
- Offer training and assistance for assessment best practices and the reporting process for all undergraduate programs and co-curricular units.
- Assist and advise programs on best practices for data collection methods and data management.
- Maintain existing dashboards and create new dashboards in order to streamline the assessment process for all reporting units.
- Served on the core HLC team for the university's reaffirmation process during the 2021-2022 academic year.

Director of Evaluation & Assessment

Aug. 2016–Mar. 2020

Office of Medical Education, Sanford School of Medicine
University of South Dakota; Sioux Falls, SD

- Managed the course and faculty evaluation process for the entire medical school curriculum.
- Analyzed both quantitative and qualitative data for use in programmatic assessment reports and feedback for individual courses and faculty members.
- Managed the curriculum database, updated annually, for the entire medical school.
- Provided reports for the curriculum committee and chaired the evaluation subcommittee in order to report on assessment initiatives for the medical school.
- Provided statistical analysis for required reports and offered statistical analysis support for research projects and other department initiatives as needed.
- Worked closely with the assessment software company, One45, to streamline data collection and improve the reporting process for the entire school.
- Participated in a year-long process to beta-test an analytics software package for the development of One45's analytics platform.
- Assisted with the medical school's re-accreditation process for the LCME by providing data for reports, addressed assessment-related criteria, and offered assistance to the student satisfaction survey (administered by and for the students).
- Improved the distribution of education-related materials, including final grades, for students through the school's learning management system.
- Assisted with data collection and analysis for the medical school's clinical skills testing (OSCE) and provided results in a timely manner.

Coordinator of Education & Evaluation

Dec. 2014–July 2016

Office of Medical Education, Sanford School of Medicine
University of South Dakota; Sioux Falls, SD

- Developed a new method to calculate and display student grades from thousands of individual data points by consolidating the data into a single reporting method.
- Improved faculty responses by reducing the workload associated with completing clinical assessments for clinical faculty.
- Updated assessment documents and reporting procedures for clinical faculty in order to match changes to the curriculum.
- Organized weekly didactic educational sessions for students in the clinical phase of training.
- Addressed required accreditation criteria within the didactic educational curriculum in order to conform to accreditation requirements (from the LCME).

Residential Treatment Counselor

Dec. 2012–Dec. 2014

Boy's Unit/Madsen Down
Children's Home Society of South Dakota; Sioux Falls, SD

Residence Hall Director

Sep. 2008–Jun. 2011

Residential Communities, Housing & Dining
Northern Illinois University; DeKalb, IL

- Recipient of the 2010–2011 Harry J. Canon Fellowship in Student Affairs Assessment, where I assisted the Director of Planning & Assessment for the Division of Student Affairs and Enrollment Management with various assessment projects, including:
 - Served on the Campus Environment & Student Culture Committee;
 - Designed and implemented a quantitative data analysis project for Recreation Services analyzing facility needs and use patterns;
 - Assisted with developing and co-presenting two divisional assessment workshops;
 - Participated in a mixed methods data analysis project for the Associate Vice President of Student Affairs measuring Graduate Assistant competencies;
 - Conducted a benchmarking study focused on warehousing of divisional assessment data;
 - Investigated and recorded the experiences of Community Advisors in their first year of a comprehensive residential curriculum using focus groups;
 - Participated in an internal/external review process for Housing & Dining.

Mathematics Tutor & ACT Review Instructor

Mar. 2005–Aug. 2008

Sylvan Learning Center; Sioux Falls, SD

Graduate Assistant

Aug. 2006–May 2008

Dean of Students Office

University of South Dakota; Vermillion, SD

Student Athlete Tutor

Sep. 2003–May 2004

Athletic Academic Services Office

Texas Christian University; Fort Worth, TX

Mathematics Tutor

Aug. 2002–May 2003

Mathematics Department

Texas Christian University; Fort Worth, TX

Child Care Counselor

Nov. 1999–Jul. 2002

Children's Home Society of South Dakota; Sioux Falls, SD

TECHNOLOGY SKILLS

- Microsoft Office Suite
- Power BI
- SPSS
- R programming
- Canvas (LMS)
- Qualtrics
- SurveyMonkey
- One45
- One45 Analytics

PROFESSIONAL SERVICE

COMMITTEE SERVICE

- University Assessment Facilitators Committee (member), Kansas State University; 2021-present
- Higher Learning Commissions Core Committee (member); Kansas State University; 2021-2022
- Senate Online & Distance Education Committee, University of North Dakota (student representative); 2019–2021

- Medical Education Scholarly Activities Working Group (convener), University of South Dakota Sanford School of Medicine; 2017–2020
- Medical Education Committee (advisory), University of South Dakota Sanford School of Medicine; 2016–2020
- Evaluation Subcommittee (chair), University of South Dakota Sanford School of Medicine; 2016–2020
- Pillar 1 Course Director’s Subcommittee (advisory), University of South Dakota Sanford School of Medicine; 2016–2020
- Curriculum Integration Subcommittee (member), University of South Dakota Sanford School of Medicine; 2016–2020
- Clerkship Director’s Subcommittee (advisory), University of South Dakota Sanford School of Medicine; 2016–2020
- Objective Structured Clinical Examination (OSCE) Committee (member), University of South Dakota Sanford School of Medicine; 2014–2020
- Faculty Development Committee (advisory), University of South Dakota Sanford School of Medicine; 2016–2019
- Health Affairs Medical Informatics Committee (member), University of South Dakota Sanford School of Medicine; 2016–2019
- LCME Accreditation, Subcommittee B (member), University of South Dakota Sanford School of Medicine; 2016–2018
- LCME Accreditation, Independent Student Analysis Committee (advisory), University of South Dakota Sanford School of Medicine; 2016
- Campus Environment & Student Culture Committee (member), Northern Illinois University; 2010–2011
- Residential Communities Professional Staff Training Committee (member), Northern Illinois University; 2010–2011
- Residential Student Conduct Board Advisory Committee (member), Northern Illinois University; 2009–2011
- Residential Communities Community Advisor Training and Development Committee (member), Northern Illinois University; 2009–2010
- Greater Vermillion Area Coalition (member), University of South Dakota; 2006–2008

AD HOC COMMITTEE SERVICE

- Business Intelligence Developer Search Committee, Kansas State University; 2022
- Scholarship Review Committee, Association for Institutional Research; 2022
- Coordinator of Evaluation & Assessment Search Committee, University of South Dakota Sanford School of Medicine; 2018
- Coordinator of Education & Evaluation Search Committee, University of South Dakota Sanford School of Medicine; 2016 & 2018

- Pillar 3 Director Search Committee, University of South Dakota Sanford School of Medicine; 2017
- Health Promotion & Assessment Specialist Search Committee, Northern Illinois University; 2011
- Student Involvement & Leadership Development Junior Leadership Award Selection Committee, Northern Illinois University; 2011
- February 14th Memorial Logistics Committee, Northern Illinois University; 2010 & 2011
- Family of the Year Selection Committee, University of South Dakota; 2006 & 2007
- Thomas Taylor Scholarship Selection Committee, University of South Dakota; 2006

AD HOC REVIEWER

- NCES Data Institute Applicant Review Committee, Association for Institutional Research
- *Advances in Physiology Education*
- Association of American Medical Colleges, *Group on Educational Affairs*
- Association of American Medical Colleges, *Learn, Serve, Lead Annual Meeting*
- Central Group on Educational Affairs, Poster Reviewer
- *MedEdPORTAL: The AAMC Journal of Teaching and Learning Resources*
- *South Dakota Medicine*

CONFERENCES ATTENDED

- Assessment Institute in Indianapolis (IUPUI); 2018, 2019, 2021, & 2022
- Higher Learning Commission Annual Conference; 2022
- International Conference on Learning Analytics & Knowledge (LAK); 2022
- Mid-American Association for Institutional Research (MidAir); 2021
- National Center for Interprofessional Practice and Education NEXUS Summit; 2019
- Association for the Assessment of Learning in Higher Education (AAHLE) Annual Assessment Conference; 2019
- Group on Regional Medical Campuses (GRMC) Spring Meeting; 2019
- One45 User Conference; 2018
- International Association of Medical Science Educators (IAMSE); 2018
- Central Group on Educational Affairs (CGEA) Regional Spring Meeting; 2016–2018
- The Consortium of Longitudinal Integrated Clerkships (CLIC) Annual Conference; 2015 & 2016
- Student Affairs Administrators in Higher Education (NASPA) Annual Conference; 2012
- Association for Student Conduct Administration (ASCA) Annual Conference; 2010 & 2011
- College Student Educators International (ACPA) Annual Convention; 2009 & 2011
- Midwest First-Year Student Conference; 2008 & 2009
- Great Lakes Association of College and University Housing Officers (GLACUHO) Annual Conference; 2008

TRAINING INSTITUTES ATTENDED

- Learning Analytics Summer Institute; 2022
- Stats Camp, Longitudinal Structural Equation Modeling course; 2021
- College Student Educators International (ACPA) Student Affairs Assessment Institute; 2011

PROFESSIONAL AFFILIATIONS

- Society for Learning Analytics Research (SOLAR); Since 2022
- Association for Institutional Research (AIR); Since 2020
- Association for the Assessment of Learning in Higher Education (AALHE); 2019-2020
- Group on Regional Medical Campuses (GRMC); 2019
- International Association of Medical Science Educators (IAMSE); 2018
- Curriculum Inventory Administrators' Group; 2017–2020
- Central Group on Educational Affairs (CGEA); 2016 –2020
- Consortium of Longitudinal Integrated Clerkships (CLIC); 2015–2020
- Student Affairs Administrators in Higher Education (NASPA); 2012
- College Student Educators International (ACPA); 2009–2012
- Association for Student Conduct Administration (ASCA); 2009–2011
- Great Lakes Association of College and University Housing Officers (GLACUHO); 2008–2009
- National Council of Teachers of Mathematics (NCTM); 2003–2005

VOLUNTEER EXPERIENCE

- Avera McKennan Hospital (Sioux Falls, SD); 2013–2014
- NIU Cares Day (project site leader), Northern Illinois University; 2011
- February 14th Memorial Wreath Ceremony, Northern Illinois University; 2010 & 2011
- February 14th Memorial Candlelight Vigil, Northern Illinois University; 2009
- Dakota Days Crisis Team, University of South Dakota; 2007
- 8th Grade Football Coach, Patrick Henry Middle School (Sioux Falls, SD); 1999–2001 & 2004

AWARDS & HONORS

- Children's Home Society Employee of the Month; July 2013 & April 2002
- Graduate Student Leadership Award, University of South Dakota; 2006–2007 AY
- Augustana College, Dean's List; Spring and Fall 2001 semesters
- President, Augustana College Mathematics Club, 2001
- Augustana College Scholarship, 1999

PUBLICATIONS

- Bauman, K., Bussey, K., Mac, J., Gokpinar-Shelton, E., **Schellpfeffer, S.**, & McLaren Turner, C. (in press). In search of institutional servingness: Institutional characteristics and outcomes of minority serving institutions. *The AIR Professional File*.
- Kozmenko, V., Kozmenko, L., Henze, W., **Schellpfeffer, S.**, & Kaye, A. (2019). Planning and assessing clinical simulation using task analysis. In G. Chiniara (Ed.), *Clinical simulation: Education, operations and engineering* (2nd ed., pp. 267–278). Elsevier.
- Kozmenko, V., Kozmenko, L., **Schellpfeffer, S.**, & Kaye, A. (2019). Theory and practice of developing an effective simulation-based clinical curriculum. In G. Chiniara (Ed.), *Clinical simulation: Education, operations and engineering* (2nd ed., pp. 207–215). Elsevier.
- *Beard, M., & **Schellpfeffer, S.** (2018). University of South Dakota Sanford School of Medicine. In M. P. Flanagan (Ed.), *The regional medical campus: A resource for faculty, staff and learners* (p. 388). Atlantic Publishing Group.
 - *Authors contributed equally; order is alphabetical.
- **Schellpfeffer, S.**, & Beard, M. (2017). The Sanford School of Medicine's healthcare quality improvement program: Connecting education with quality improvement. *South Dakota Medicine*, 70(12), 546–548.
- Kozmenko, V., Bye, E., Simanton, E., Lindemann, J., & **Schellpfeffer, S.** (2017). The optimal time to institute interprofessional education in the medical school curriculum. *Medical Science Educator*, 27, 259–266. DOI: 10.1007/s40670-017-0391-7
- **Schellpfeffer, S.** (2012). *The widening gender gap and its influence on contemporary postsecondary campuses: Perceptions of senior student affairs officers* (Publication No. 3507933) [Doctoral dissertation, University of South Dakota]. ProQuest.

PRESENTATIONS**INVITED PRESENTATIONS**

- Lindemann, J., & **Schellpfeffer, S.** (2018, May). *Medical school curriculum: Outcomes, research & faculty development* [Grand rounds presentation]. University of South Dakota Sanford School of Medicine, Department of Pediatrics, Sioux Falls, SD.
- **Schellpfeffer, S.** (2017, August). *Using the curriculum inventory to prepare for LCME re-accreditation* [Webinar presentation]. Curriculum Inventory Administrators' Group (virtual).

PEER REVIEWED PRESENTATIONS

Note: 22 additional co-authored presentations not listed below

- **Schellpfeffer, S.** (2022, October 9-11). *An introduction to curricular analytics and its applications to assessment* [Conference session]. IUPUI Assessment Institute, Indianapolis, IN.
- **Schellpfeffer, S.,** & Gokpinar-Shelton, E. (2022, October 9-11). *A descriptive analysis of factors of servingness applied to types of minority serving institutions* [Poster presentation]. IUPUI Assessment Institute, Indianapolis, IN.
- Burrack, F. W., & **Schellpfeffer, S.** (2022, April 1-5). *Determining institutional effectiveness through program-based assessments* [Conference session]. Higher Learning Commission 2022 Annual Conference, Chicago, IL.
- Redetzke, R., & **Schellpfeffer, S.** (2019, October). *Before and after: Faculty perceptions of two clerkship models after undergoing a curriculum change in a rural state medical school* [Conference session]. IUPUI Assessment Institute, Indianapolis, IN.
- Redetzke, R., & **Schellpfeffer, S.** (2019, October). *Medical student perceptions of a cultural immersion curriculum* [Poster presentation]. IUPUI Assessment Institute, Indianapolis, IN.
- **Schellpfeffer, S.,** Beard, M., & Redetzke, R. (2019, March). *The healthcare quality improvement program: Implementing quality improvement into the primary clinical year curriculum* [Poster presentation]. Central Group on Educational Affairs Regional Spring Meeting, Grand Rapids, MI.
- **Schellpfeffer, S.,** & Beard, M. (2018, October). *Comprehensive clinical assessment of medical students: Best practices in a longitudinal integrated clerkship curriculum model* [Conference session]. IUPUI Assessment Institute, Indianapolis, IN.
- **Schellpfeffer, S.,** Beard, M., & Kozmenko, V. (2018, October). *Assessment of medical student competencies in a longitudinal integrated clerkship curriculum: Do they measure a unique construct?* [Poster presentation]. IUPUI Assessment Institute, Indianapolis, IN.
- **Schellpfeffer, S.,** & Beard, M. (2018, October). *Assessing medical student competencies in a longitudinal integrated clerkship curriculum* [Poster presentation]. Consortium of Longitudinal Integrated Clerkships Annual Conference, Adelaide, SA, Australia.
- **Schellpfeffer, S.,** Simanton, E., & Kozmenko, V. (2018, June). *Faculty perceptions of block clerkship vs. longitudinal integrated clerkship models in a rural state medical school using a mixed methods approach* [Poster presentation]. International Association of Medical Science Educators Annual Meeting, Las Vegas, NV.
- **Schellpfeffer, S.,** Simanton, E., & Kozmenko, V. (2018, June). *Assessment of medical student competencies in a longitudinal integrated clerkship curriculum: Do they measure a unique construct?* [Poster presentation]. International Association of Medical Science Educators Annual Meeting, Las Vegas, NV.

- **Schellpfeffer, S.**, Lindemann, J., & Beard, M. (2018, March). *Using your curriculum database for continuous quality improvement* [Conference session]. Central Group on Educational Affairs Regional Spring Meeting, Rochester, MN.
- **Schellpfeffer, S.**, Beard, M., & Hansen, L. (2017, October). *Exploring the relationships between clinically assessed student performance, high stakes OSCE scores and total clinical encounters in LIC students* [Poster presentation]. Consortium of Longitudinal Integrated Clerkships Annual Conference, Republic of Singapore.
- **Schellpfeffer, S.** & Beard, M. (2017, March). *Reaching the highest level of learning: Alignment of Blooms' Taxonomy to healthcare quality improvement projects* [Poster presentation]. Central Group on Educational Affairs Regional Spring Meeting, Chicago, IL.
- **Schellpfeffer, S.** (2016, October). *Longitudinal quality improvement projects during the primary clinical year* [Conference session]. Consortium of Longitudinal Integrated Clerkships Annual Conference, Toronto, ON, Canada.
- **Schellpfeffer, S.**, Beard, M., & Simanton, E. (2015, October). *The USD LIC: Past, present and future* [Poster presentation]. Consortium of Longitudinal Integrated Clerkships Annual Conference, Durham and Asheville, NC.
- **Schellpfeffer, S.**, & Cooks, M. (2011, March). *Residential student conduct boards: Starting from scratch* [Conference session]. College Student Educators International Annual Convention, Baltimore, MD.