

GREG HEIBERGER, PH.D.

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EDUCATION

Ph.D. Education and Human Resource Studies, University Leadership Specialization <i>Colorado State University, Fort Collins, CO</i>	2013
M.S. Counseling and Human Resource Development, Student Affairs Specialization <i>South Dakota State University, Brookings, SD</i>	2006
B.S. Mathematics <i>South Dakota State University, Brookings, SD</i>	2004

PROFESSIONAL EXPERIENCE (13+ YRS)

Coordinator for M.S. Human Biology, U.G. Experience & Assistant Professor <i>Biology & Microbiology, South Dakota State University, Brookings, SD</i>	August 2017-present (.5 yr)
Undergraduate Program Manager & Lecturer <i>Biology & Microbiology, South Dakota State University, Brookings, SD</i>	February 2013 – August 2017 (4.5yrs)
Coordinator, Advisor, & Instructor for Pre-Health Professionals <i>Biology & Microbiology, South Dakota State University, Brookings, SD</i>	September 2007 – February 2013 (5.5yrs)
Coordinator for Orientation and Programming <i>The Union, South Dakota State University, Brookings, SD</i>	January 2005 – September 2007 (2.75yrs)
Program Advisor for University Programs (Interim)¹ <i>The Union, South Dakota State University, Brookings, SD</i>	November 2005 – June 2006

STRENGTHS/QUEST SIGNATURE THEMES

Learner – Analytical – Strategic – Achiever – Deliberative

KEY ACCOMPLISHMENTS

Visionary leadership in developing a culture and infrastructure to support student success. Select examples: First Year & Career Seminars, capstone, student clubs, external funding for research & programs, new B.S. & new 1-year M.S., alumni engagement, professional advising model, MCAT preparation workshop, articulation agreements with doctoral programs, international exchange agreement, GTA management, & steth ceremony.

TEACHING & ADVISING

Successfully led the delivery of undergraduate & graduate courses. Two-time college teacher of the year. Advised over 1,500 undergraduate students, 15 current graduate students & graduate committee member.

PUBLICATIONS

10 published works, 1 in-review and 6 in preparation regarding interventions impacting student behavior. WebofScience top 5 cited paper @ SDSU (2011-2017). More than 1,700 citations via scholar.google.com.

FUNDING

Over \$161,000 in funded projects to design, implement and research student success via technology, service learning, community development and career exploration.

PRESENTATIONS

Focused on engaged pedagogies for student transitions and student success, these presentations include 21 peer reviewed national and regional presentations and over 100 invited presentations.

AWARDS

HHMI/NAS Education Fellow in the Life Sciences, Excellence in Professional Role, Excellence in Academic Advising, Outstanding Alumnus, Faculty Honoree by Alpha Lambda Delta and Golden Key, and more.

SERVICE & ASSOCIATIONS

Member, advisor, and board member in numerous organizations. Advisor to student organizations, service on multiple campus task forces, strategic planning team, and leadership of many campus and community initiatives.

¹Additional workload; ²50% workload buyout

PROFESSIONAL EXPERIENCE

Biology & Microbiology Department, South Dakota State University (SDSU), Brookings, SD

The Biology & Microbiology Department enrolls 560 undergraduate majors across 5 academic programs, 50 graduate students in M.S. and Ph.D. programs, employs 34 faculty & 12 staff, and generates ~20,000 student credit hours per year.

Coordinator - M.S. Human Biology**August 2017-present****Coordinator - Undergraduate Student Experience****Assistant Professor**

Design, create, implement and assess undergraduate capstone, graduate professional development seminar, graduate research problems, international health & culture coursework. Additional responsibilities include all administrative oversight for M.S. Human Biology, research program assessing the efficacy of student success programs, and oversight of undergraduate recruiting, retention, advising and stakeholder engagement (alumni, professional schools, healthcare providers, etc.).

- Teaching (46.7%)
 - FA17 IDEA Excellent teacher = **4.92/5**
 - BIOL 490 *Capstone*
 - BIOL 719 *Professional Development Seminar*
 - 2017FA IDEA
 - **4.67/5**-Acquiring skills in working with others as a member of a team
 - **4.5/5** - Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course
 - BIOL 788 *Master's Research Problems/Project*
 - 2017FA IDEA
 - **5/5**- Developing skill in expressing myself orally or in writing
 - **4.83/5**-Learning how to find, evaluate, and use resources to explore a topic in depth
 - BIOL 592 *Health & Culture: Ghana & The Netherlands* (2016, 2019 planned)
- Administrative (20%)
 - Coordinate all aspects of M.S. Human Biology
 - Recruitment
 - Orientation
 - Admissions
 - Undergraduate Program
 - Manage recruitment, supervising professional advisers, retention, graduation, develop relationships and articulations with professional schools, and maintain national and international exchange opportunities for health-related experiences.
 - Develop and manage brochures, website and publications promoting undergraduate and graduate programs.
 - Advocate and intervene with students regarding academic issues (late registration, pre-requisite, complaints, military deployment, etc.)
 - Develop and support relationships with alumni and fundraising initiatives. Lead alumni event coordination and execution. Lead for #OneDayforState & Anatomy Lab tours, Zenner event, Board of Trustees presentations, and donor meetings.
 - Develop Science@SDSU materials
 - Member of intro biology reform team (weekly meetings, ideation, implementation, etc.)
 - Exit exam
 - Exit interview
 - Faculty rep – M.S. Defense (A. Propst)
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- Research (20%)
 - Researching the efficacy of novel interventions to improve collegiate student success.
- Advising (13.3%)
 - Mentor, teach and advise all M.S. Human Biology students.

Undergraduate Program Manager & Lecturer**February 2013 – August 2017**External Collaborations

- Develop, manage and maintain international exchange program with Kwame Nkrumah University of Science and Technology (K.N.U.S.T.).
- Develop, manage and maintain guaranteed admission articulation with Edward Via College of Osteopathic Medicine and multiple chiropractic schools.
- Design and implement department fundraising initiatives.
 - Pre-Health Professional Excellence Fund.
 - Anatomy lab renovation.
- Creation, coordination and management of alumni events.
- Collaborate, edit, coordinate department publications (brochures, magazines, articles, photos, websites, etc.)

Academic Program Leadership

- Manage catalog, curriculum, and course/lab section offerings.
- Design and implement senior capstone for 5 undergraduate programs within department.
- Design and submit request to create M.S. Human Biology (accelerated 4+1 B.S. & M.S. program).
- Assign and coordinate Graduate Teaching Assistants (30 staff & \$400,000 budget).
- Department executive team member.
 - Promotion & tenure standards document development.
 - New program planning and development.
 - Personnel planning.
 - Assist in the development of a Board of Regents program fee request.
 - Institutional Program Review team lead.
- Develop curriculum and serve as faculty member for seminars, internships, international experiences, and undergraduate research.
- Develop new departmental website for undergraduate “degree navigation”.
- Conduct departmental academic program assessment through surveys, interviews & exams.
- Create an appendix to the Board of Regents Advanced Placement Policy.
- Manage teaching and student services budgets.

Student Success Leadership

- Create and implement stethoscope ceremony and graduation mixer celebrating graduates.
- Manage departmental advising & student success functions.
 - Hire, train and supervise advisors.
 - Assign advising roles and train faculty advisors.
 - Train, educate and collaborate with faculty regarding advising.
- Manage departmental recruitment and retention efforts.
- Lead department technology initiatives (website, iPads, pedagogy of tech adoption).

Collaborations and University Engagement

- Member – Graduate Faculty
 - Graduate committee’s: Ackerman, K.; Kreager, K.; Uddin, N., Treiber, J., Miller, J.
- Serve as a member of the planning team and led the pilot for Education Advisory Board’s Student Success Collaborative (EAB-SSC) implementation.
- College of Agriculture and Biological Sciences Academic Programs Task Force Chair for Student Success and Retention.

Advising & Teaching

- Advise undergraduate Microbiology, Biotechnology, Biology and Human Biology majors.
- Teach first year seminar, career seminar, capstone seminar, internship, honors independent study and undergraduate research courses (see detail in page 12)

Biology & Microbiology Department, South Dakota State University, Brookings, SD

Coordinator, Advisor and Instructor for Pre-Health Professionals

September 2007 – February 2013

- Advised 300-450 students each semester in Biology, pre-medicine, optometry, dental, chiropractic, physician assistant, physical therapy and occupational therapy.
- Developed and implemented a short-term and long-term strategic plan for improvement in health professions preparation.
- Implemented programs and support systems to assist students in obtaining admission to professional school.
- Supervised graduate student teaching assistants and instructors.
- Coordinated new student recruitment and orientation for pre-health professionals.
- Developed curriculum and instructed:
 - BIOL 109 – First Year Seminar
 - BIOL 290 – Careers in the Life Sciences & PHTH 142 – Career Seminar
 - BIOL 494 – Internship: Peer Advising
 - BIOL 494 – Internship
 - MCAT/Test Prep workshop series
- Collected, analyzed and maintained data and resources for pre-health professional students and advisors. Developed an annual reporting process inclusive of all functions of the program.
- Coordinated the SDSU/Avera high school student health professions career camp.
- Organized and attended trips to area professional schools with students.
- Implemented a Peer Mentoring program that connects 30 upper-class students with the incoming first year students.
- Developed and implemented a sophomore leadership development program.
- Advised student organizations (American Medical Student Association and Pre-Professional Science Club).
- Implemented service learning and experiential field experiences with all first year students via BIOL 109.

Education and Human Sciences, South Dakota State University, Brookings, SD

Adjunct Graduate Faculty

January 2011 – April 2011

- Instructor for CHRD 772: Administration and Leadership in Student Affairs.
- Admissions committee member.
- Guest lecturer for Student Affairs track courses.

Academic Affairs Office, South Dakota State University, Brookings, SD

Administrative Associate

January 2008 – December 2009

- Served on the North Central Association - Higher Learning Commission leadership team.
- Coordinated the identification and collection of existing data for use by self-study committees.
- Facilitated meetings with colleges, departments, faculty, staff, and students.
- Identified, prepared and posted reports for committee use.
- Identified areas of unmet need and developed and implemented surveys and other strategies to collect data. Analyzed and compiled data.
- Attended the annual HLC-NCA meeting to assess new ideas and techniques for managing the self-study process.
- Developed an organizational system to manage large volumes of data.
- Assisted in the editing of the self-study document.
- Developed and implemented an online and physical resource room for use before and during the on-site visit.
- Assisted in the coordination of the self-study visit.

The Union, South Dakota State University, Brookings, SD

Coordinator for Orientation and Programming

January 2005 – September 2007

- Recruited, hired, trained, and supervised 20-30 Orientation Leaders.
- Managed the development of publications for orientation mailings and the summer orientation program.
- Assisted in database entry and report creation.
- Developed and implemented programs during summer orientation program.
- Managed the development of a professional video representation of the SDSU campus experience.
- Developed and piloted a WebCT course for New Student Orientation Leader training.
- Created college and area specific reports from evaluation data.
- Implemented a student leadership program for all returning Orientation Leaders, increasing OL retention.
- Coordinated successful retreats including attendance at the regional National Orientation Directors Conference.
- Advised student organizations in the recognition process. Revised and streamlined student organization recognition process. Implemented interactive web forms for student organization recognition. Member of weekend STUFF programming committee.
- Piloted SDSU's 2007 Jacks on Leadership workshop series. Facilitated 2006/2007 greek retreats.

Program Advisor for University Programs (Interim)

November 2005 – June 2006

- Advised 12 program council board members in program implementation, budgeting of \$100,000+ student fee allocation, program planning and NACA attendance.
- Served as the main contact in planning for the 2006 major concert: Switchfoot.
- Evaluated and advised budget allocations. Assisted in contract negotiations.

ACTIVE RESEARCH & WRITING PROJECTS

Leischner, K., Kattelman, K., McCormack, L., Britt, B., & **Heiberger, G.** (In Review). The Healthfulness of Entrées and Student's Purchases in the Campus Dining Environment. *Public Health Nutrition*.

Heiberger, G., Junco, R. & Pamarthi, S. *The effect of Twitter on college student graduation in STEM: interaction effects with socio-economic status and Pell grant eligibility*

Deslauriers, S., **Heiberger, G.**, & Moeller, M. *Size matters: The relationship between high school size and college retention isn't what you thought.*

Heiberger, G. & Halbkat, B. *Pre-collegiate career camps and early hands on training: A multi-year study on the impact on collegiate enrollment & collegiate graduation.*

Heiberger, G. & Sudtelgte, A. Pre-med international experiences: a case study.

DeMoss, J., Sudtelgte, A., **Heiberger, G.** *Perception v. Reality: Mental health diagnoses prevalence compared to perceived prevalence by (Honors/STEM/Counseling) students.*

Heiberger, G., McCormack, L., Britt, B., & Kattelman, K., Just, K. *SnapChat's ability to increase healthy food purchases by young adults.*

Heiberger, G., Hansen, D., & Nichols, T. *Leadership Development Programming: a how-to-for co-curricular success.*

Gupta, T., Guan, X., & **Heiberger, G.** *BUILT Curriculum: Building Bridges to recover the disconnection in Organic Chemistry.*

Just, K., **Heiberger, G.**, McCormack, L., Britt, B., & Kattelman, K. *Social media engagement's relationship to behavior change in nutritional purchase.*

Anderson, T., **Heiberger, G.**, McCormack, L., Britt, B., & Kattelman, K. *Undergraduate major and stress factor's influence on actual food purchases by young adults.*

Heiberger, G., Junco, R. & Vos, D. *Impacts of iPad ratio in student engagement in collaborative classroom environments.*

PUBLICATIONS

- Heiberger, G.** & Harper, R (2017). Using Social Media and Scientific Teaching to Enhance Undergraduate Learning. In Harper, R., & Fried, J. (Eds.). *Learning Everywhere on Campus: Teaching Strategies for Student Affairs Professionals*. New York, NY: Routledge Press.
- Hill, K., Brözel, V., & **Heiberger, G.** (2014). Examining the Delivery Modes of Metacognitive Awareness and Active Reading Lessons in a College Non-majors Introductory Biology Course. *Journal of Microbiology & Biology Education, May 2014, p. 5-12 DOI: <http://dx.doi.org/10.1128/jmbe.v15i1.629>*
- Junco, R., Elavsky, C.M., & **Heiberger, G.** (2013). *Engagement Instrument*. PsycTESTS Dataset. American Psychological Association (APA).
- Heiberger, G. A.** (2013). Social media in the curriculum and co-curriculum: Pre-service teachers and their collegiate peers. (Order No. 3608231, Colorado State University). ProQuest Dissertations and Theses, 84. Retrieved from: <http://search.proquest.com/docview/1501642565?accountid=28594>. (1501642565).
- Hansen, D., **Heiberger, G.**, & Losing, A. (2012). A study of the first semester experience and its effects on pre-pharmacy students. *American Journal of Pharmaceutical Education, 76(5)*, Article 99. doi: 10.5688/ajpe76599
- Hill, K. & **Heiberger, G.** (2012). Assessing the Impact of Metacognition and Reading Lessons on Metacognitive Awareness and Reading Comprehension in Introductory Biology. *Journal of Microbiology and Biology Education, 13(1)*, 105-123. doi: <http://dx.doi.org/10.1128/jmbe.v13i1.412>
- Junco, R., Elavsky, C.M., & **Heiberger, G.** (2012). Putting Twitter to the test: Assessing outcomes for student collaboration, engagement, and success. *British Journal of Education Technology*, no. doi: 10.1111/j.1467-8535.2012.01284.x
- Heiberger, G.** & Junco, R. (2011). Meet your students where they are: Social Media. *National Education Association Higher Education Advocate, 28(5)*, p. 6-9.
- Junco, R., **Heiberger, G.** & Loken, E. (2011). The effect of Twitter on college student engagement and grades. *Journal of Computer Assisted Learning*, no. doi: 10.1111/j.1365-2729.2010.00387.x
- Heiberger, G.**, & Harper, R. (Winter 2008). Have you Facebooked Astin lately? Using technology to increase student involvement. *New Directions for Student Services, 124*.

HONORS INDEPENDENT STUDY ADVISOR

- DeMoss, J. (2016-2017). *Perception v. Reality: Mental health diagnoses and perceived prevalence*.
- Holm, M. (2015). *PA, CNP, and MD: What does it all mean?*
- Meyer, T. (2014). *How technology has helped doctors/hospitals be more efficient in providing adequate healthcare*.

FUNDING

- | | |
|---|-----------|
| \$89,000. Community Partnership Grant, Avera Health
<i>High School Health Professions Career Camp</i> | 2009-2018 |
| \$35,000. Community funding (multiple local businesses and organizations)
<i>The First Tee of South Dakota at Edgebrook GC</i> | 2015-2017 |
| \$11,200. South Dakota Department of Rural Health
<i>Pre-Professional Healthcare Education and Training Grant</i> | 2015 |
| \$2,000. USDA's Grand Challenges
<i>Nutritional fluctuation throughout the lives of college students.</i>
*Mentored undergraduate project (T. Anderson) | 2015 |
| \$3,000. Griffith Undergraduate Research Award
<i>Understanding the Effects of Social Media: How a Controlled Social Media Intervention Changes the Eating Habits of College Students</i>
*Mentored undergraduate project (K. Just) | 2015 |
| \$2,500. USDA's NIFA FRUVED Sub-grant
<i>Relatively BIG data: Analyzing all on campus food consumption of 4,000 students.</i> | 2014 |
| \$1,000. Graduate School Research Grant, Colorado State University (29 of 350+ apps funded)
<i>Social media and technology use in the collegiate environment and beyond</i> | 2013 |
| \$1,300. Office of Teaching and Learning, South Dakota State University
<i>First year seminar service learning: Children's Museum of South Dakota</i> | 2010-2012 |

\$2,000. Community Partnership Grant, South Dakota Army National Guard <i>High School Health Professions Career Camp</i>	2008-2011
\$5,000. Community Partnership Grant, Brookings Health System <i>High School Health Professions Career Camp</i>	2009
\$5,000. Corporation for National and Community Service: Midwest Consortium for Service Learning. <i>Harvesting Tweets: The effect of Twitter on student engagement and success</i>	2009
\$4,000. New Ideas Fund, Office of Provost, South Dakota State University <i>Medical College Admissions Test (MCAT) Prep Course</i>	2008
\$299,756. Blended approach to Undergraduate Inquiry Laboratory Teaching (BUILT). <i>NSF – IUSE.</i>	2016 (unfunded – good reviews)
\$2,128,603. Improving Undergraduate STEM Education (IUSE), National Science Foundation <i>S5 - Sustaining Students in STEM at South Dakota State University</i>	2016 (unfunded - good reviews)
\$7,422. Research Scholarship and Support Fund <i>Analysis of point-of-sale food service data to inform and measure the efficacy of multiple social media based educational nutrition interventions.</i>	2015 (unfunded)
\$198,491. Improving Undergraduate STEM Education (IUSE), National Science Foundation <i>BUILT – O.CHEM</i>	2015 (unfunded – very good reviews: invited to resubmit)
\$249,428. Improving Undergraduate STEM Education (IUSE), National Science Foundation <i>S5 - Sustaining Students in STEM at South Dakota State University</i>	2014 (unfunded – very good reviews: invited to resubmit)
\$3,000 Scholarly Excellence Funds, Office of the Provost, South Dakota State University <i>MCAT 2015: Workshop to improve undergraduate preparation</i>	2014 (unfunded)
\$8,707 Scholarly Excellence Funds, Office of the Provost, South Dakota State University <i>Examining the campus food environment through purchasing data and focus groups</i>	2014 (unfunded)
\$76,380 Sanford Health – SDSU Collaborative Research <i>BIG data, social media & economic theory to examine & affect nutritional behavior</i>	2014 (unfunded)
\$2,500,000 Howard Hughes Medical Institute <i>Scientific Teaching as a framework for undergraduate education reform in STEM</i>	2013 (unfunded)
\$51,260 New Paths to Purpose (Chicago Booth Center for Decision Research) <i>Discovering Meaning While Studying Science</i>	2013 (unfunded)
\$14,000 Academic and Scholarly Excellence Fund <i>REU in Biology & Microbiology</i>	2012 (unfunded)
\$110,000 National Science Foundation <i>Using Twitter to Improve Student Engagement, Grades, and Persistence</i>	2011 (unfunded)
\$250,000 Bill and Melinda Gates Foundation, The Next Generation Learning Challenge <i>Twitter to increase success for high risk undergraduate students</i>	2010 (unfunded)
\$5,000 National Resource Center for The First-Year Experience and Students in Transition <i>Examining whether Facebook can enhance first-year & transfer student engagement</i>	2008 (unfunded)
\$100,000 Digital Media and Learning Competition <i>RedRover as a tool to increase engagement and retention</i>	2007 (unfunded)

PRESENTATIONS

Using Social Media and Scientific Teaching to Enhance Undergraduate Learning. <i>National Association of Student Personnel Administrators (NASPA) National Meeting*</i>	2018
Supporting and Enhancing Learning on Campus: Effective Pedagogy Beyond the Classroom <i>National Association of Student Personnel Administrators (NASPA) National Meeting*</i>	2017
Panelist – Study Abroad workshop for Faculty <i>Study Abroad Office</i>	2017
Perception of Mental Health Disorders and How it can affect students and professionals <i>Central Association of Advisors of Health Professionals*</i>	2017
SDSU Student Perceptions of Mental Health Diagnoses on Campus <i>Upper-Midwest Honors Conference*</i>	2017
Social media's impact on your future <i>Over 100 presentations to undergraduate courses & student organizations.</i>	2007-2017
Social media engagement workshop <i>Huron, SD Workforce Development Council</i>	2016
Social media, research, theory to practice and scientific teaching <i>CHRD 771, Student Personnel Services, SDSU</i>	2016
Social media, engagement, research and practice <i>Huron, SD Workforce Development Council – Housing Expo</i>	2016
Mindfulness, Meditation and the Neurobiology of Learning <i>Honors General Biology II Guest Lecture</i>	2014
Student Success and Retention in the College of Agriculture and Biological Sciences <i>SDSU ABS Academic Program Task Force Seminar Series</i>	2014
Mindfulness, Meditation and the Neurobiology of Learning <i>Honors General Biology I Guest Lecture</i>	2014
Social Media and iPads to increase engagement <i>SDSU eLearning Academy</i>	2013
The Use of Technology in Student Affairs (Invited Panelist) <i>College Student Educators International National Convention (ACPA)</i>	2013
Social media use by major: implications for student affairs practitioners <i>College Student Educators International National Convention (ACPA)</i>	2013
iPad ratio's impact on student engagement in a FYS <i>College Student Educators International National Convention (ACPA)</i>	2013
Does iPad Technology Enhance Collaborative Learning?*	2013
<i>College Student Educators International South Dakota Convention (SDCPA)</i>	
Managing Micro-aggressions in Social Networking Environments from Under-represented Students*	2013
<i>SDCPA</i>	
Facebook's impact on your job search <i>Biannual Career and Academic Planning center workshops</i>	2007-2012
Microaggressions in the digital age* <i>NASPA-IV W</i>	2012
Apple AirPlay to enhance active learning classrooms <i>SDSU eLearning Academy</i>	2012
Managing Microaggressions in Online Environments* <i>College Student Educators International National Convention (ACPA)</i>	2012
Managing Microaggressions in Online Environments* <i>NASPA National Convention</i>	2012
#NoFailWhale: Tweet more, dropout less <i>SXSW Interactive</i>	2012
Social Media Research & Practice in Higher Ed <i>SXSWedu panel discussion</i>	2012
Thinking Social - Panel discussion on Social Media in Higher Education <i>Hosted by the University of Florida Division of Student Affairs</i>	2011
Common Read: Implementation and technology <i>SDSU Teaching and Learning Seminar Series</i>	2011

Success after graduation: The job search, finances and managing life <i>SDSU Greek Life Workshop</i>	2011
Social Media 101: Engaging students in and out of the classroom <i>SDSU Faculty Development Spring Workshop</i>	2011
The Efficacy of Social Media to enhance student engagement and success <i>SDSU Faculty Development Emporium</i>	2010
The First Year Seminar: Current practices, research and SDSU's Student Success Model <i>SDSU Faculty Development Series</i>	2010
Method to the Madness: Communication, Technology, Evidence* <i>Higher Learning Commission of the North Central Association Annual Meeting</i>	2010
Student Development through Twitter, Facebook and Social Media <i>SDSU Faculty Development Series: Use of AL Cloud Technology to Enhance Advising</i>	2010
SDSU Common Read: Research, Implementation and Outcomes <i>Sewrey Colloquium, SDSU</i>	2010
Social Media 101: Facebook and Twitter in the Classroom <i>Annual Conference on the First Year Experience (Invited Pre-Conference Workshop)</i>	2010
Student Development through Twitter, Facebook and Social Media <i>4th Annual UNL Drive-in Workshop (Invited Presentation)</i>	2010
Have you Facebooked Astin lately? Technology meets theory <i>Guest lecturer in CHRD 771: Student Personnel Services.</i>	2008-2010
Research supported strategies to engage your students using Facebook <i>College Student Educators International National Convention (ACPA)</i>	2009
Social networking and your future <i>Baltic Middle School and High School</i>	2009
Student affairs practitioners in Academic Affairs <i>Guest lecturer in CHRD 794: Internship</i>	2008
Using emerging technologies to enhance student engagement <i>College Student Educators International National Convention (ACPA)</i>	2008
Have you Facebooked Astin lately? <i>Presentation at NACADA Region 6</i>	2008
<i>Sponsored program at the joint NASPA/ACPA National Conference</i>	2007
<i>Presentation at NODA Region 5 Conference</i>	2007
<i>Presentation at ACUI Region 10 Conference</i>	2007
Student involvement workshop" <i>TRIO Student Support Services</i>	2007
*co-presenter & unable to attend	

MEDIA COVERAGE

- KSDJ. (2017, August). *#OneDayForState Human Cadaver Lab Expansion Project.*
- SDSU Collegian. (2017, November). *Master's in human biology paves different path to medical school.*
- KSFY. (2017, July). *Avera Medical Minute. SDSU Health Professions Career Camp.*
- Growing South Dakota. (2016, December). *Active, Hands-On learning for Biology, Human Biology, Microbiology and Biotechnology students.*
- SDSU Collegian. (2016, September). *New Human Biology Major Gives Competitive Edge to Students.*
- Growing South Dakota. (2015, November). *Pre-Professional Prep: Peer Mentors, Cadaver Lab, Networking Opportunities Provide Students Strong Start.*
- Brookings Register. (2014, October). *SDSU Students experience multiple biomes on trip.*
- SDSU Collegian. (2014, October). *SDSU Community races to the top.* Retrieved from: http://www.sdsucollegian.com/news/article_8a3e28b4-498a-11e4-b914-0017a43b2370.html
- KELO. (2014, September). *SDSU Students Experience Multiple Biomes on Trip.* Retrieved from: <http://kelo.com/news/articles/2014/sep/22/sdsu-students-experience-multiple-biomes-on-trip/>
- South Dakota State University. (2014, July). *Mischell looks to combine medicine and love for the outdoors.* Retrieved from: http://www.sdstate.edu/news/articles/mischell-medicine.cfm?utm_source=homepage-banner&utm_medium=online-website&utm_campaign=mischell

- Edward Via College of Osteopathic Medicine. (2014, April). *VCOM announces partnership with South Dakota State University*. Retrieved from: <http://www.vcom.edu/news/2014-04-10-sdsu-partnership.html>
- South Dakota State University. (2013, December). *Health professions camp was the start in pursuit of medical degree*. Retrieved from: http://www.sdstate.edu/news/articles/health-professions-camp-was-the-start-in-pursuit-of-medical-degree.cfm?utm_source=homepage-banner&utm_medium=online-website&utm_campaign=pre-professional-health
- SDSU Collegian. (2013, September). *Pre-chiropractic program allows students to earn a degree faster*. Retrieved from: http://www.sdsu.collegian.com/news/article_d8cade32-1ca9-11e3-8b20-001a4bcf6878.html
- South Dakota State University. (2013, August). *Scientific teaching aims to revolutionize teaching within Ag & Bio at SDSU*. Retrieved from: <http://www.sdstate.edu/news/articles/scientific-teaching-abs.cfm>
- Brookings Register. (2013, August). *SDSU shaves year off pre-chiropractic*. Retrieved from: http://www.brookingsregister.com/fe_view_article_window.php?story_id=18533&page_id=79&heading=0
- South Dakota State University. (2013, August). *SDSU shaves a year off undergraduate path to chiropractic school*. <http://www.sdstate.edu/news/articles/sdsu-shaves-a-year-off-undergraduate-path-to-chiropractic-school.cfm>
- KWSN. (2013, August). *SDSU shaves a year off undergraduate path to chiropractic school*. Retrieved from: <http://kwsn.com/news/articles/2013/aug/27/sdsu-shaves-a-year-off-undergraduate-path-to-chiropractic-school/>
- Impact State. (2013, March). *SDSU Health Professions Career Camp for high school students to expand*.
- SDSU Collegian. (2012, November). *New classroom uses advanced technology*.
- Brookings Register. (2012, October). *SDSU Bio/Micro gives a big boost to Bum-A-Meal*.
- iGrow. (2012, August). *Rural Healthcare Recruitment*. Retrieved from: <http://igrow.org/m/article/rural-healthcare-recruitment/>
- Growing South Dakota Magazine. (2012, Summer). *High tech teaching: Curriculums now integrate iPads, social media and peer mentoring*. Retrieved from: <http://pubstorage.sdstate.edu/Epub/growingsd-summer2012/p14-16>
- Chronicle of Higher Education. (2012, March). *'Big Data' Emerges as Key Theme at South By Southwest Interactive*. Retrieved from: <http://chronicle.com/blogs/wiredcampus/big-data-emerges-as-key-theme-at-south-by-southwest-interactive/35781>
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- South Dakota State University *Pursuits* Channel - graduate research interview. (2007). *Have you Facebooked Astin Lately? Social media and college student development theory.*

ADDITIONAL TRAINING & EDUCATIONAL EXPERIENCES

- Consider the Century Conference (October, 2017). SDSU. (1 day).
- Diversity Dialogues. (2017). SDSU. (1.5 hrs./week for 6 weeks).
- Stephanie Charging Eagle – Tribal in-residence program. (2017). SDSU. (2 hours).
- Global ambassadors for patient safety (2017). University of Minnesota. Health Careers Center.
- Classroom Observation Protocol for Undergraduate STEM (COPUS) training (2017). (3 hrs.).
- National Council for Behavioral Health (2016). *Mental Health First Aid*. Brookings, SD. (8 hrs.).
- Historic Preservation CAMP (2016). Brookings, SD. (2 days).
- Partnership for Undergraduate Life Sciences Education (PULSE) Workshop. (2016). Washington University, St. Louis, MO. (2 days).
- Kwame Nkrumah University of Science and Technology. (2016). *Meetings with university leadership to negotiate an exchange agreement*. Accra, Ghana, and Kumasi, Ghana (3 days).
- Diggs-Andrews, K. (2015). *Research Mentor Training for Faculty*. American Society for Microbiology and National Research Mentoring Network. (8 hrs).
- Robertson, J.D. (2015). *Write Winning Grant Proposals*. Grant Writers' Seminars and Workshops. (8 hrs).
- Clark, E. (2015). *The First Tee Coach Certification*. The First Tee/PGA of America. (3 days).
- Punta Cana, Dominican Republic (2014). *Edward Via College of Osteopathic Medicine's Clinic*. Visit, exchange discussions and tour. (1 day)
- Manitoba, CA (2014). *BIOL 492: Arctic Biosystems and Culture*. Led field experience course to Churchill, MB: Polar Bear Capital of the World. (14 days).
- (2013). *Excel – Beyond the Basics training*. (1 day).
- Zhang, S. (2013). *eLearning Academy*. (3 days).
- Sackreiter, S. (2013). *First Year Seminar Learning Academy*. (1 day).
- (2013). Lilly Conference on University Teaching. (4 days).
- (2013). *Institute for Scientific Teaching*. Howard Hughes Institute for Scientific Teaching – National Academies. (6 days).
- (2013). *Active Learning Conference*. University of Minnesota. (3 days).
- (2013). *Fall Faculty Development Conference*. SDSU. (1 day).
- (2013). *Spring Academic Advising Summit re: appreciative advising*. SDSU. (1 day).
- (2013). College Student Educators International National Convention. ACPA. (3 days).
- Zhang, S. (2012). *eLearning Academy*. (3 days).
- (2012). South By Southwest Interactive. (4 days).
- (2012). South By Southwest Education. (2 days).
- (2011). Thinking Social at the University of Florida. (link) (3 days).
- (2010). National Conference on the First Year. FYE. (2 days).
- (2009). College Student Educators International National Convention. ACPA. (3 days).
- (2008). College Student Educators International National Convention. ACPA. (3 days).
- (2007). College Student Educators International National Convention. ACPA. (3 days).
- (2007). National Orientation Directors Association Annual Conference. NODA (2 days).
- (2007). National Academic Advisors Association. NACADA. (3 days).
- (2007). Association of College Unions International. ACUI. (2 days).

TEACHING

Semester	Course #	Title	Cr.	Responsibility	N enrolled
2018SP	BIOL 719	Professional Development Seminar	2	100%	6
	BIOL 788	Research Design Paper	1	100%	6
	BIOL 494	Internship	1-3	Coordinator	4
2017FA	BIOL 719	Professional Development Seminar	2	100%	6
	BIOL 788	Research Design Paper	1	100%	6
	BIOL 494	Internship	1-3	Coordinator	4
2017SU	BIOL 492/592	Health & Culture: Ghana & The Netherlands	2	75%	17
2016FA	BIOL 109	First Year Seminar	2	50%	51
	BIOL 109	First Year Seminar	2	50%	51
	BIOL 109	First Year Seminar	2	50%	42
	BIOL 494	Peer Mentoring	2	50%	34
	BIOL 490	Capstone	2	Coordinator	2
2016SU	BIOL 498	Undergraduate Research	3	Coordinator	1
2015FA	BIOL 109 & 109L	First Year Seminar	2	50%	44
	BIOL 109 & 109L	First Year Seminar	2	50%	43
	BIOL 109 & 109L	First Year Seminar	2	50%	41
	BIOL 494	Peer Mentoring	2	50%	32
2015SU	BIOL 494	Internship	1-3	Coordinator	2
	BIOL 498	Research	3	100%	1
2015SP	BIOL 494	Internship	1-3	Coordinator	4
	HON 491	Honors Independent Study	2	100%	1
'09-'14	Workshop Series	MCAT/Application Prep	n/a	Coordinator	~20/yr
2014FA	BIOL 109 & 109L	First Year Seminar	2	50%	57
	BIOL 109 & 109L	First Year Seminar	2	50%	44
	BIOL 109 & 109L	First Year Seminar	2	50%	38
	BIOL 494	Peer Mentoring	2	50%	38
	BIOL 494	Internship	1-3	Coordinator	9
2014SU	BIOL 492	Arctic Biosystems & Culture	2	50%	8
	BIOL 494	Internship	1-3	Coordinator	9
2014SP	BIOL 494	Internship	1-3	Coordinator	17

2013FA	BIOL 109 & 109L	First Year Seminar	2	100%	41
	BIOL 109 & 109L	First Year Seminar	2	100%	42
	BIOL 109 & 109L	First Year Seminar	2	100%	39
	BIOL 109 & 109L	First Year Seminar	2	100%	36
	BIOL 494	Peer Mentoring	2	100%	25
	BIOL 494	Internship	1-3	Coordinator	7
	BIOL 498	Research/Scholarship	2	Coordinator	1
2013SU	BIOL 494	Internship	1-3	Coordinator	2
2013SP	BIOL 494	Internship	1-3	Coordinator	2
2012FA	BIOL 109 & 109L	First Year Seminar	2	100%	33
	BIOL 109 & 109L	First Year Seminar	2	100%	35
	BIOL 109 & 109L	First Year Seminar	2	100%	35
	BIOL 109 & 109L	First Year Seminar	2	100%	32
	BIOL 109 & 109L	First Year Seminar	2	100%	33
	BIOL 494	Peer Mentoring	2	100%	31
	BIOL 494	Internship	2	Coordinator	1
2012SU	BIOL 494	Internship	1-3	Coordinator	3
	BIOL 494	Internship	4	Coordinator	1
2011FA	BIOL 100	First Year Seminar	2	100%	80
	BIOL 100	First Year Seminar	2	100%	75
	BIOL 100L	First Year Seminar Lab	0	w/ GTA	25
	BIOL 100L	First Year Seminar Lab	0	w/ GTA	25
	BIOL 100L	First Year Seminar Lab	0	w/ GTA	25
	BIOL 100L	First Year Seminar Lab	0	w/ GTA	25
	BIOL 100L	First Year Seminar Lab	0	w/ GTA	25
	BIOL 100L	First Year Seminar Lab	0	w/ GTA	30
	BIOL 290	Seminar	1	100%	83
	BIOL 494	Peer Mentoring	2	100%	27
	BIOL 494	Internship	1	Coordinator	1
2011SU	BIOL 498	Internship: Sanford Research	3	Coordinator	2
2011SP	AHED/CHRD 772	Admin. & Leadership	3	100%	13
2010FA	GS 100	University Experience	1	100%	18
	GS 100	University Experience	1	100%	16
	GS 100	University Experience	1	w/ GTA	20
	GS 100	University Experience	1	w/ GTA	21
	GS 100	University Experience	1	w/ GTA	19
	PHTH 142	Seminar	1	w/ GTA	52
	BIOL 290	Seminar	1	100%	96
	BIOL 494	Peer Mentoring	2	100%	12
2009FA	GS 100	University Experience	1	100%	14
	GS 100	University Experience	1	100%	15

	GS 100	University Experience	1	25% (Daly)	23
	GS 100	University Experience	1	25% (Dyer)	18
	GS 100	University Experience	1	25% (Knigge)	21
	BIOL 290	Seminar	1	100%	66
	PHTH 142	Seminar	1	100%	41
2008FA	GS 100	University Experience	1	100%	39
	GS 100	University Experience	1	25% (Daly)	16
	BIOL 290	Seminar	1	100%	90
2007FA	GS 100	University Experience	1	100%	20

CONSULTING

Bedford/St. Martin's Press, W.H. Freeman & Worth Publishers	2010
Cengage Learning, Inc.	2010

PUBLICATIONS REVIEWED

Internet and Higher Education. Elsevier, Inc.	2017
Computers & Education, Elsevier, Inc.	2017
Computers & Education, Elsevier, Inc.	2016
Internet and Higher Education. Elsevier, Inc.	2016
International Journal of Social Media and Interactive Learning Environments	2016
Internet and Higher Education. Elsevier, Inc.	2015
International Journal of Social Media and Interactive Learning Environments	2013
MERLOT: Journal of Online Learning and Teaching	2013
Prism: A Journal of Regional Engagement	2012
Internet and Higher Education. Elsevier, Inc.	2011
Click here for Student Success. Wadsworth – Cengage Learning	2010

AWARDS & ACKNOWLEDGEMENTS

Teacher of the Year finalist, Fishback Honors College, SDSU	2017
Outstanding Educator, Volleyball Team (2), SDSU	2016
Honors College Advocate Award, Fishback Honors College, SDSU	2016
Medallion Ceremony Certificate of Appreciation (2), Fishback Honors College, SDSU	2015
F.O. Butler Award for Excellence in Professional Role, SDSU	2015
Honorary Football Coach (nominated by players and coaches), SDSU	2014
Medallion Ceremony Certificate of Appreciation, Fishback Honors College, SDSU	2014
Education Fellow in the Life Sciences, National Academies of Sciences	2012-2013
Thank-a-Professor Recognition, Teaching and Learning Center, SDSU	2013
Medallion Ceremony Certificate of Appreciation (2), Fishback Honors College, SDSU	2013
Walt McCarty Award for Excellence in Academic Advising, SDSU	2012
Honorary Member, Golden Key International Honor Society, SDSU	2011
Honorary Faculty Inductee, Alpha Lambda Delta, SDSU	2010
Teacher of the Year, College of General Studies, SDSU	2010
Outstanding Alumnus, Counseling and Human Resource Development, SDSU	2009
Teacher of the Year, College of General Studies, SDSU	2009
Most Distinguished Alumni, The Delta Chi Fraternity, SDSU	2007

SERVICE (UNIVERSITY)

Member, The Ethics Lab, SDSU	2017-present
Member, University Strategic Planning Committee, SDSU	2017-present
Member, Curriculum Committee, College of Agriculture and Biological Sciences, SDSU	2016-present
Member, Wintrode Student Success Center Advisory Board, SDSU	2016-present
Review Committee, Schultz-Werth Senior Paper Award, SDSU	2016-present
Honors College Medallion Sponsor, SDSU	2014-present
Leadership Team Member, Education Advisory Board – Student Success Collaborative, SDSU	2013-present
Chair, Scholarship Committee, Biology & Microbiology Department, SDSU	2013-present
Department Representative, Van D. and Barbara B. Fishback Honors College, SDSU	2013-present
Member, Curriculum Committee, Biology/Microbiology, SDSU	2011-present
Leadership & International Travel Scholarship Sponsor, The Delta Chi Fraternity, SDSU	2005-present
Judge, BEST Robotics Competition, Jerome J. Lohr College of Engineering, SDSU	2016-present
Member/Secretary/Chair/Vice Chair, Intercollegiate Athletic Board, SDSU	2013-2017
Member, Honors College Independent Study Task Force, SDSU	2016-2017
Judge, Eastern South Dakota Science and Engineering Fair, SDSU	2009, 2011, 2017
Coordinator, Evaluation Team – Health, URSCAD, SDSU	2016
Member, One Stop Online Portal Implementation Team, SDSU	2016
Member, Administrative Review Committee, Department of Biology/Microbiology, SDSU	2016
Member, Classroom Renovations Taskforce, SDSU	2014-2015
Member, Interdisciplinary Healthcare Taskforce, SDSU	2013-2014

Advisor, American Medical Student Association (AMSA), SDSU	2008-2014
Advisor, Pre-Professional Science Club, SDSU	2008-2014
Member, First Year Seminar Advisory Committee, SDSU	2011-2013
Participant, eLearning Academy, SDSU	2012
Member, Academic Advisor Search Committee, University College, SDSU	2011
Co-Chair, First Year Seminar (Student Success Initiative) Task Force, SDSU	2010-2011
Member, Institutional Graduation Requirement Task Force, SDSU	2010-2011
Coach, LeadState: Leadership through Social Change, SDSU	2009-2011
Member, National Survey of Student Engagement (NSSE) Committee, SDSU	2008-2010
Member, Alumni Board of Trustees, The Delta Chi Fraternity, SDSU	2004-2010
Member, Administrative Review Committee, Department of Biology/Microbiology, SDSU	2009
Member, Admissions Committee, Counseling & Human Resource Development, SDSU	2007-2008
President, Housing Corporation, Delta Chi Fraternity at SDSU	2007-2008
Treasurer, Housing Corporation, Delta Chi Fraternity at SDSU	2007-2008
Final Project Judge, CHRD 772, SDSU	2007
Advisor, Delta Chi Fraternity, SDSU	2005
SERVICE (COMMUNITY)	
Vice President, Brookings Country Club Board	2017-present
Vice Chair, Brookings Historic Preservation Commission	2017-present
Founder, Director & Certified Coach, The First Tee of South Dakota at Edgebrook GC	2014-present
Secretary, Brookings Country Club Board	2015-2016
Member, Brookings Historic Preservation Commission (BHPC)	2015-2016
Vice Chair, Brookings Recreation Indoor Complex Committee	2016
Director, Brookings Country Club Board	2014-2015
PROFESSIONAL MEMBERSHIPS (NATIONAL/INTERNATIONAL)	
College Student Educators International (ACPA)	2008-present
National Academic Advisors Association (NACADA)	2008-present
National Association of Advisors of Health Professionals (NAAHP)	2007-present
Sigma Xi –The scientific research society	2012-2013
Higher Learning Commission – North Central Accreditation (HLC-NCA)	2008-2009
National Association of Student Personnel Administrators (NASPA)	2005-2008
National Orientation Directors Association (NODA)	2005-2007
National Association for Campus Activities (NACA)	2004-2006
National Association of College and University Residence Halls (NACURH)	2002-2003