

## CURRICULUM VITAE

**Murray Stowe Jensen**  
**December 2018**

### IDENTIFYING INFORMATION

#### Academic Rank

Associate Professor in the Department of Biology Teaching and Learning

Graduate Faculty in the Department of Curriculum and Instruction

University of Minnesota

#### Education

| <b>Degree</b> | <b>Institution</b>   | <b>Date Degree Granted</b> |
|---------------|--|----------------------------|
| B.A.          | Concordia College<br>Moorhead, MN<br>Major: Biology and Education  | 1983                       |
| M.A.          | University of Minnesota<br>College of Education and Human Development<br>Major: Curriculum and Instruction   | 1991                       |
| Ph.D.         | University of Minnesota<br>College of Education and Human Development<br>Major: Curriculum and Instruction<br>Thesis: Changes in Students' Understanding of<br>Evolution Resulting from Different Curriculum<br>and Instructional Strategies | 1993                       |

#### Positions/Employment

|  |              |
|--|--------------|
| Associate Professor of Biological Science<br>Department of Biology Teaching and Learning<br>College of Biological Sciences<br>University of Minnesota            | 5/16-present |
| Associate Professor of Biological Science<br>Postsecondary Teaching and Learning (PsTL)<br>College of Education and Human Development<br>University of Minnesota | 9/99-5/16    |
| Assistant Professor of Biological Science  | 9/93-9/99    |

|   |           |
|---|-----------|
| General College, University of Minnesota  |           |
| Teaching Specialist<br>General College, University of Minnesota   | 9/91-9/93 |
| Graduate Teaching Assistant/Laboratory Coordinator<br>General College, University of Minnesota                    | 9/88-9/91 |
| Science Education Consultant<br>Science Museum of Minnesota, St. Paul, MN   | 9/87-5/88 |
| Instructor<br>North Central Technical College, Wausau, WI   | 9/86-9/87 |
| Science Education Consultant<br>Cray Research, Inc. and The Minnesota High Technology<br>Council, Minneapolis, MN | 5/86-9/86 |
| Instructor<br>Albany Area Schools, Albany, MN   | 9/83-7/86 |

### **Current Membership in Professional Organizations**

Human Anatomy and Physiology Society

American Physiology Society

National Association of Biology Teachers

### **HONORS AND AWARDS**

#### *University of Minnesota*

|  |           |
|--|-----------|
| Horace T. Morse - University of Minnesota Alumni Award<br>for Outstanding Contributions to Undergraduate Education.<br>Sponsored by the University of Minnesota Alumni<br>Association and the University of Minnesota. | 2001      |
| Digital Media Center Faculty Fellow. Sponsored by the<br>Office of the Executive Vice President and Provost and<br>managed by the Digital Media Center.  | 2000-2001 |
| University of Minnesota MinneMac Competition. First<br>place in the educational software division for  | 1992      |

MacMicroscope

*External Sources*

Sam Drogo Technology in the Classroom Award 2018  
Human Anatomy and Physiology Society / ADInstruments.

Outstanding Undergraduate Science Teacher Award. 2007  
Sponsored by the Society for College Science Teachers.

*Visiting Professorship*

Adelaide University, Adelaide South Australia 2003

**RESEARCH & SCHOLARSHIP**

**Grants**

**External Sources – In Process**

Role: Human Study – Principal Investigator / Study Site Principal Investigator.  
Granting Organization: National Institute of Health / Small Business Innovation Research  
Title: Mixed Reality System for STEM Education and the Promotion of Health-Related Careers.

Private Company: Innovative Design Labs (IDL)

PI at Innovative Design Labs: John Condon

September 1, 2018 to September 1 2021

Total Award: \$1,000,000 (U of M = \$225,000)

Role: Principal Investigator

Granting Organization: National Science Foundation

Improving Undergraduate STEM Education (IUSE)

Title: Community College Anatomy and Physiology Education Research

July 1, 2018 to July 1 2020

Total Award: \$300,000

**External Sources – Completed**

Role: Principal Investigator

2012-2013

|  |           |
|--|-----------|
| <p>Granting Organization: UCare Fund<br/> Title: Smart and Active Students, Strong and Healthy<br/> Communities.<br/> Award: \$50,000</p>  |           |
| <p>Role: Principal Investigator<br/> Granting Organization: UCare Fund<br/> Title: Learning Together: Healthy Students, Healthy Families.<br/> Award: \$50,000</p>   | 2011-2012 |
| <p>Role: Principal Investigator<br/> Granting Organization: National Science Foundation<br/> Title: Transforming Undergraduate Anatomy and Physiology<br/> Education Through the Use of Process Oriented Guided<br/> Inquiry.<br/> Award: \$215,000</p>  | 2011-2013 |
| <p>Role: Principal Investigator<br/> Granting Organization: UCare Fund<br/> Title: Smart and Healthy Students, Smart and Healthy<br/> Families.<br/> Award: \$31,500</p>   | 2010-2011 |
| <p>Role: Co-Principal Investigator<br/> Name of Other Principal Investigators: Michael Klug (MCTC),<br/> Tinna Ross (NHCC) &amp; Sandra Craner (SWMSU)<br/> Granting Organization: MnSCU Center for Teaching and<br/> Learning<br/> Title: Improving Anatomy and Physiology Instruction at the<br/> Post-secondary Level: Building Collaboration and<br/> Developing Inquiry-based Approaches using POGIL.<br/> Award: \$6,250</p> | 2010-2011 |
| <p>Role: Principal Investigator<br/> Granting Organization: American Anatomy Association<br/> Title: WebAnatomy Images for Students and Instructors<br/> Worldwide.<br/> Award: \$300</p>  | 2010-2011 |
| <p>Role: Contributor - working in conjunction with the American<br/> Physiology Society and The American Association for the<br/> Advancement of Science.<br/> Principal Investigator: Yolanda George (American Association<br/> for the Advancement of Science)<br/> Granting Organization: National Science Foundation<br/> Title: The Human Anatomy and Physiology Project –</p>  | 2003      |

Biological Science Education Network Archive.  
Award: \$49,999

Role: Contributor 1996-1997  
Principal Investigators: Dr. Fred Amram & Dr. Terence Collins  
Granting Organization: The Annenberg Foundation/Corporation for Public Broadcasting  
Title: Curricular Transformation and Technology in Developmental Education.  
Award: \$419,590

### **University Sources – Completed Projects**

Role: Principal Investigator 2010-2011  
Granting Organization: University of Minnesota Academy of Distinguished Teachers  
Title: Evaluating Group Video Projects in Relation to University of Minnesota Student Learning Outcomes.  
Award: \$2,500

Role: Co-Principal Investigator 2007-2008  
Other Principal Investigators: Anthony Weinhaus, Department of Integrated Biology and Physiology, & Deb Ingram, Center for Applied Research and Educational Improvement  
Granting Organization: University of Minnesota Technology-Enhanced Learning Initiatives  
Title: Can Interactive Virtual Anatomy Laboratory Software Replace the Current Laboratory Course as a Supplement to the Anatomy Lecture?  
Award: \$10,000

Role: Principal Investigator 2006  
Granting Organization: Technology-Enhanced Learning Initiatives  
Title: In Your Ear, On the Air, For Your Eye: Podcasting and Wikis as Tools for Universal Instructional Design.  
Award: \$9,990

Role: Principal Investigator 2004  
Granting Organization: Consortium on Law and Values in Health, Environment & the Life Sciences  
Title: The Science and Politics of Genetics and Reproduction.  
Award: \$10,000

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| <p>Role: Principal Investigator<br/> Granting Organization: Technology-Enhanced Learning Initiatives<br/> Title: Implementing and Evaluating the Use of Computer Peripheral Equipment in the Entry Level Human Anatomy and Physiology Laboratory.<br/> Award: \$10,000</p> | 2002      |
| <p>Role: Principal Investigator<br/> Granting Organization: Technology-Enhanced Learning Initiatives<br/> Title: Evaluating the Effectiveness of TEL.<br/> Award: \$9,749</p>  | 1999      |
| <p>Role: Principal Investigator<br/> Granting Organization: University of Minnesota MinneMac Program<br/> Title: Incorporating Physiology Simulations into Web-Based Curricular Activities.<br/> Award: \$7,000</p>  | 1998      |
| <p>Role: Principal Investigator<br/> Granting Organization: University of Minnesota MinneMac Program<br/> Title: Electronic Cooperative Quizzes for Anatomy and Physiology.<br/> Award: PowerBook 3500 3400c/200</p>   | 1997      |
| <p>Role: Principal Investigator<br/> Granting Organization: Grant-In-Aid of Research, Artistry and Scholarship<br/> Title: Technophobic Students' Reactions to a Technology-Rich Science Course.<br/> Award: \$5,310</p>   | 1997      |
| <p>Role: Principal Investigator<br/> Granting Organization: Summer Session Program Improvement Grant<br/> Title: Internet Materials for GC 1132.<br/> Award: \$1,965</p>   | 1997      |
| <p>Role: Principal Investigator<br/> Granting Organization: Center for Interdisciplinary Studies in Writing<br/> Title: Examining Student Writing in a Human Anatomy and Physiology Course.</p>  | 1994-1996 |

Award: \$5,000

### **Guest Journal Editor**

Guest Editor. The HAPS Educator. Special issue on, “Curriculum Materials for Active Learning in the Anatomy and Physiology Classroom.” Volume 21, Supplement 2. November 2017.

### **Publications**

El-Baze, J-A., Stowe, S., Hood, S., Lawford, H., Jensen, M., & Hull, K. Academic Anxiety in Higher Education: Causes, Implications, and Potential Solutions *HAPS Educator*, 22, 3: 208- 219.

Role: Secondary writer

Jensen, M. (2017). Inside and Outside the Body. *HAPS Educator*, 21, 2: 82-86.

Hull, K., Jensen, M., Gerrits, R., and Ross, K., (2017). Core Concepts for Anatomy and Physiology: A paradigm Shift in Course and Curriculum Design. *HAPS Educator*, 21, 2: 73-79.

Role: Secondary writer

Jensen, M. (2016) First Attempt at Teaching Human Anatomy and Physiology in an Active Learning Classroom. *The HAPS Educator*, Summer, 2016, 90-92.

Jensen, M. (2016) Curriculum for the Active Learning Classroom. *The HAPS Educator*, Summer, 2016, 93-97.

Jensen, M. (2016). Instructional Strategies for the Active Learning Classroom. *The HAPS Educator*, Summer, 2016, 98-101.

Jensen, M, (2015). Distilling Best Practices for Teaching and Learning Anatomy and Physiology. Monograph of the Society for College Science Teachers: Innovations in College Science Teaching (S. Latourelle, Editor). Pages 68 – 78.

Mattheis, A. & Jensen, M, (2014). Fostering Improved Anatomy and Physiology Instruction. *Advances in Physiology Education*, 38, 4: 321-329.

Role: Lead researcher and secondary writer

Jensen, M, & Mattheis, A. (2013). Anatomy and Physiology Activities for the Process Oriented Guided Inquiry Learning Classroom. Wiley.

Role: Lead researcher and primary writer

Mattheis, A., Jensen, M. & Jackson, J., & Ingram, D. (2015). Examining high school anatomy and physiology teacher experience in a cadaver dissection lab and impacts on practice. *International Journal of Science Teacher Education*, 13, 535-559. doi:10.1007/s10763-013-9507-8

Role: Lead researcher and secondary writer

Jensen, M., Mattheis, A., & Loyle, A. (2013). Offering an Anatomy and Physiology Course Through a High School-University Partnership: The Minnesota Model. *Advances in Physiology Education*, 37: 157-164

Role: Lead researcher and lead writer

Jensen, M., Mattheis, A., & Johnson, B. (2012). Using student learning and development outcomes to evaluate a first-year undergraduate group video project. *CBE-Life Sciences Education*, 11, 1-13.

Role: Lead researcher and co-writer (with Mattheis)

Jensen, M. (2011). Promoting Inquiry in Human Anatomy and Physiology Through Process Oriented Guided Inquiry Learning. In J. Settlage, A. Johnston, S. Dotger & R. Ceglie (Eds.), *Proceedings of the Science Education at the Crossroads Conference* (pp. 47-48). San Antonio, TX. [Available online at [www.sciedxroads.org/proceedings2011.html](http://www.sciedxroads.org/proceedings2011.html)].

Jensen, M. (2011) What if Rosalind Franklin Were There? – Having Fun with Watson & Crick’s Famous Picture in a Freshman Genetics Seminar. *The American Biology Teacher*, 73(2), 109-110.

Stebbleton, M., Jensen, M., & Peter, G. (2010). Enhancing student engagement in a multidisciplinary, first-year experience course. *College Teaching Methods and Styles Journal*, 6, 1-6

Role: Co-researcher and co-writer (with both Stebleton and Peter)

Stebbleton, M., Peter, G., & Jensen, M. (2010). Promoting student engagement in a large first-year inquiry program: Keys to success. *E-Source for College Transitions*, 7(6). National Resource Center for the First-Year Experience and Students in Transition. Retrieved October 23, 2013 from [http://u101tech.sa.sc.edu/NRC/esource/web/pdf/ES\\_7-6\\_Jul10.pdf](http://u101tech.sa.sc.edu/NRC/esource/web/pdf/ES_7-6_Jul10.pdf)

Role: Co-researcher and co-writer (with both Stebleton and Peter)

Jensen, M., & Moore, R. (2008). Reading trade books in a freshman biology course. *The American Biology Teacher*, 70(4) 206-207, 209-210.

Role: Lead researcher and primary writer

Jensen, M., & Baepler, P. (2008). Cooperative quizzes: learning through group assessment. URL: <http://www.apsarchive.org/>. American Physiology Society, Washington, D.C

Role: Lead researcher and primary writer

Crisp, K., Jensen, M., & Moore, R. (2007). Pros and cons of a group web-page design project in a freshman anatomy and physiology course. *Advances in Physiology Education*, 31: 343-346.

Role: Co-researcher and co-writer (with Crisp and Moore)

Jensen, M., Moore, R., Hatch, J., Hsu, L., & Somdahl, C. (2007). A Scoring Rubric for Students' Responses to Simple Evolution Questions: Darwinian Components. *The American Biology Teacher*, 69(7), 394-399.

Role: Lead researcher and lead writer

Jensen, M., Moore, R., & Connor, J. (2007). Predictors of success for freshman anatomy and physiology students. *Human Anatomy and Physiology Educator*, Summer 2007, 7-10.

Role: Lead researcher and lead writer

Jensen, M. (2007). Lecture is dead: Take 3. *The American Biology Teacher*, 69(3), 138.

Jensen, M. (2006). Large enrollment classrooms: A stark reality for public higher education. *Proceedings of the Second Conference of Science Education at the Crossroads*. Weber State University, Ogden, Utah.  
<http://www.sciedxroads.org/proceedings2006.html>

Moore, R., & Jensen, M. (2006). Developmental education students' views of college: What uncouples students' goals from students' outcomes? In D. B. Lundell, J. L. Higbee, I. M. Duranczyk, & E. Goff (Eds.), *Student standpoints about access programs in higher education* (pp. 59-69). Minneapolis, MN: Center for Research on Developmental Education and Urban Literacy, Department of Post-Secondary Teaching & Learning, University of Minnesota.

Role: Co-researcher and secondary writer

Moore, R., & Jensen, M. (2006). Results of a 16-year study of cheating in introductory science classes. *The Science Education Review*, 5(3), 1-7.

Role: Co-researcher and secondary writer

Jensen, M., Duranczyk, I., Staats, S., Moore, R., Hatch, J., & Somdahl, C. (2006). Using a reciprocal teaching strategy to create multiple-choice exam questions. *The American Biology Teacher*, 68(6).  
<http://www.bioone.org/toc/ambt/68/6>

Role: Lead researcher and lead writer

Jensen, M., Moore, R., Hatch, J., Hsu, L., & Somdahl, C. (2007). A Scoring Rubric for Students' Responses to Simple Evolution Questions: Darwinian Components. *The American Biology Teacher*, 89(7).

Moore, R., & Jensen, M. (2006). What Factors Predict the Academic Success of Developmental Education Students? *The Learning Assistance Review*, 10(1), 25-40.

Role: Secondary researcher and secondary writer

Jensen, M., Farrand, K., Redman, L., Varcoe, T., & Coleman, L. (2005). A Few Simple Teaching Strategies to Help Graduate Teaching Assistants Lead Discussions with Undergraduate Students. *Journal of College Science Teaching*, 34(7), 20-24.

Role: Lead researcher and lead writer

Hatch, J., Jensen, M., & Moore, R. (2005). Manna from Heaven or "clickers" from Hell: Experiences with an electronic response system. *Journal of College Science Teaching*, 34(7), 36-39

Role: Co- researcher and secondary writer

Duranczyk, I. M., Staats, S., Moore, R., Hatch J., Jensen, M., & Somdahl, C. (2004). Introductory-level college mathematics explored through a sociocultural lens. In I. M. Duranczyk, J. L. Higbee, & D. B. Lundell (Eds.), *Best practices for access and retention in higher education* (pp. 43-53). Minneapolis, MN: Center for Research on Developmental Education and Urban Literacy, General College, University of Minnesota.

Role: Secondary researcher

Moore, R., Jensen, M., Hsu, L., & Hatch, J. (2003). Lessons of history: Ethics and the public views of science and society. *The American Biology Teacher*, 65 (2),

85-89.

Role: Secondary researcher

Moore, R., Jensen, M., & Hatch, J. (2003). The problems with state educational standards. *The Science Education Review*, 2 (3), 83.1-83.8.

Role: Secondary researcher and secondary writer

Moore, R., Jensen, M., Hatch, J., Duranczyk, I., Staats, S., & Koch, L. (2003). Showing up: The importance of class attendance for academic success in introductory science courses. *The American Biology Teacher*, 65 (5), 325-329.

Role: Secondary researcher and secondary writer

Moore, R., Jensen, M., & Hatch, J. (2003). Twenty questions: What have the courts said about the teaching of evolution and creationism in public schools? *BioScience*, 53 (8), 766-771.

Role: Secondary researcher and secondary writer

Jensen, M., Moore, R., Hatch, J., & Hsu, L. (2003). Ideas in practice: A novel, "cool" assignment to engage science students. *Journal of Developmental Education*, 27 (2), 28-33.

Role: Lead researcher and lead writer

Moore, R., Jensen, M., Hsu, L., & Hatch, J. (2002). Saving the "false negatives:" Intelligence tests, the SAT, and developmental education. In D.B. Lundell, & J.L. Higbee (Eds.), *Exploring Urban Literacy & Developmental Education* (pp. 47-57). Minneapolis, MN: Center for Research on Developmental Education and Urban Literacy, General College, University of Minnesota.

Role: Secondary researcher and secondary writer

Moore, R., Jensen, M., & Hatch, J. (2002). The retention of developmental education students at four-year and two-year institutions. *Research and Teaching in Developmental Education*, 19, 5-13.

Role: Secondary researcher and secondary writer

Jensen, M., Moore, R., & Hatch, J. (2002). Cooperative learning - Part IV: Group Web Projects for Freshman Anatomy and Physiology Students. *The American Biology Teacher*, 64(4): 206-209.

Role: Lead researcher and lead writer

Jensen, M., Moore, R., & Hatch, J. (2002). Cooperative learning - Part III: Electronic Cooperative Quizzes. *The American Biology Teacher*, 64(3): 29-34.

Role: Lead researcher and lead writer

Jensen, M., Guttschow, G., & Hill, M. (2002). Technophobia and teaching technology-rich freshman science courses. *The Journal of College Science Teaching*, 31 (6), 360-363.

Role: Lead researcher and co-writer (with Guttschow)

Jensen, M., Johnson, D. W., & Johnson, R. (2002). Impact of positive interdependence during electronic quizzes on discourse and achievement. *The Journal of Educational Research*, 95(3), 161-166.

Role: Lead researcher and co-writer (with D. W. Johnson)

Jensen, M., Moore, R., & Hatch, J. (2002). Cooperative learning, Part I: Cooperative quizzes. *The American Biology Teacher*, 64 (1), 29-34.

Role: Lead researcher and co-writer (with Moore)

Jensen, M., Moore, R., & Hatch, J. (2002). Cooperative learning, Part II: Setting the tone with group web pages. *The American Biology Teacher*, 64 (2), 118-120.

Moore, R., Jensen, M., & Hatch, J. (2002). Our apartheid. *The American Biology Teacher*, 64 (2), 87-91.

Role: Secondary researcher

Moore, R., Jensen, M., & Hatch, J. (2001). Bad teaching: It's not just for the classroom anymore. *The American Biology Teacher*, 63 (6), 389-391.

Role: Lead researcher and co-writer (with Moore)

Jensen, M. & Rush, R. (2000). Teaching a human anatomy and physiology course within the context of developmental education. In J.L. Higbee & Dwinell (Eds.), *The Many Faces of Developmental Education* (pp. 47-57). Warrensburg, MO: National Association of Developmental Education's 2000 Monograph Series.

Role: Lead researcher and lead writer

Jensen, M. (2000). Each year I teach less and less: Confessions of a newly tenured professor. *The Journal of College Science Teaching*, 30, 206-208.

Wilcox, K.J., & Jensen, M. (2000). Writing to learn in anatomy and physiology. *Research and Teaching in Developmental Education, 16*, 55-72.

Role: Secondary researcher and secondary writer

Jensen, M. (1999). WebAnatomy: An easy-to-use Internet program for reviewing the basic concepts of anatomy and physiology. *The Journal of Soft Tissue Manipulation, 7*, 19.

Jensen, M., & Smith, M. U. (1999). What to do when the mice die: Turning a lab wreck into a productive learning experience. *The American Biology Teacher, 61*, 655-661.

Role: Lead researcher and lead writer

Jensen, M. (1998). Finding a place for the computer in the introductory biology laboratory. *The Journal of College Science Teaching, 27*, 248-250.

Jensen, M., & Finley, F. (1997). Teaching evolution using a historically rich curriculum and paired problem-solving instructional strategy. *The American Biology Teacher, 59*, 208-212.

Role: Lead researcher and lead writer

Wilcox, K., & Jensen, M. (1997). Computers in the science classroom: Proceed with caution! *The Journal of College Science Teaching, 26*, 258-264.

Role: Secondary researcher and secondary writer

Jensen, M. (1997). Cooperative vs. individualistic quizzes in the anatomy and physiology laboratory. *Advances in Physiology Education, 16*, S48-S54.

Jensen, M., Wilcox, K., Hatch, J., & Somdahl, C. (1996). A computer-assisted instruction unit on diffusion and osmosis with a conceptual change design. *Journal of Computers in Mathematics and Science Teaching, 15*, 49-64.

Role: Lead researcher and lead writer

Settlage, J., & Jensen, M. (1996). Investigating the inconsistencies in college student responses to natural selection test questions. *The Electronic Journal of Science Education, 1*(1).

<http://ejse.southwestern.edu/article/view/7553/5320>

Role: Secondary researcher and co-writer

Healy, D., & Jensen, M. (1996). Using feedback groups and an editorial board in a WAC classroom. *Teaching English in the Two-Year College*, 23, 57-63.

Role: Primary researcher and secondary writer

Jensen, M., & Finley, F. (1996). Changes in students' understanding of evolution resulting from different curricular and instructional strategies. *The Journal of Research in Science Teaching*, 33, 879-900.

Role: Lead researcher and lead writer

Jensen, M., & Finley, F. (1995). Changes in students' understanding of evolution by natural selection when using a historically rich curriculum. *Proceedings of the Third International History, Philosophy, and Science Teaching Conference* (pp. 564-571). University of Minnesota, Minneapolis, MN.

Role: Lead researcher and lead writer

Jensen, M., & Finley, F. (1995). Teaching evolution using historical arguments in a conceptual change strategy. *Science Education* 79, 147-166.

Role: Lead researcher and lead writer

### **Refereed Journal Articles – In Review**

### **Refereed Journal Articles – In Preparation**

*Tentative Title: Using Engineering Students to Design Lab Demonstration Devices For: Advances in Physiology Education*

*Tentative Title: What do Experienced Teachers do During the First Week of Class to Prepare Students For Group Learning And Guided Inquiry.*

## Newsletter Articles – Non-refereed

- Jensen, M. (2014). HAPS conference in Minneapolis: This one will be a bit different. *The HAPS Educator*, Spring, 2014, 16.
- Jensen, M. & VanIterson, E. (2014). Students as Scientists in Entry-Level Anatomy and Physiology Courses. *The HAPS Educator*, Spring, 2014, 12-13.
- Jensen, M. (2012). Inquiry, open inquiry, guided inquiry, and the HAPS POGIL Project. *The HAPS Educator*, Spring, 2012, 16-20.
- Jensen, M. (2011). Fill the bucket at home, then stir it up in class. *The HAPS Educator*, Fall, 2011, 18-19.
- Jensen, M. (2011). Developing viable alternatives to lecture. *The HAPS Educator*, Winter, 2011, 6-7.
- Jensen, M. (2010). Taking a small step toward conceptual learning. *The HAPS Educator*, Winter, 2010, 19-20.
- Jensen, M. (2009). Evolution: Is it as important as we think? *The HAPS Educator*. Spring, 2009, 9.
- Jensen, M. (2008). The past, present, and future of cooperative learning in college science courses. *Society of College Science Teaching Newsletter*, Summer, 2008.
- Jensen, M., & Franko, J. (2008). WebAnatomy: Drill and kill at will. *Human Anatomy and Physiology Educator*, 12(3), 17-19.
- Jensen, M. (2008). Education Research and HAPS. *The HAPS Educator*, Winter 2008, 23.
- Jensen, M. (2007). HAPS and APS partner in contributing to the national science digital library. *The HAPS Educator*, Winter 2007, 4.
- Jensen, M. (2007). The Anatomy Bowl: A free Internet game to help students learn anatomy. *The HAPS Educator*, Winter 2007, 19.
- Moore, R., & Jensen, M. (2005). Selection school. *Minnesota Science Teachers Newsletter*, 43 (3), 8-11.
- Jensen, M. (2004). Ten years of WebAnatomy. *The HAPS Educator*, Winter 2004
- Jensen, M. (2004). WebAnatomy and the WebAnatomy image database. *The American Anatomists Association*, September 2004, 9.

- Jensen, M. (2004). WebAnatomy moves to a new location. *The HAPS Educator*, Fall 2004, 14.
- Jensen, M. (2004). Revising the HAPS curriculum guidelines. *The HAPS Educator*, Fall 2004, 19-22.
- Jensen, M. (2004). Awarding student creativity in anatomy and physiology courses. *The HAPS Educator*, Summer 2004, 17.
- Jensen, M. (2004). WebAnatomy and the WebAnatomy image database. *The American Anatomists Association*, September 2004, 9.
- Jensen, M. (2003). Using teaching materials from Madagascar to arouse student interest. *The HAPS Educator*, Fall 2003, 13-14.
- Jensen, M. (2003). Love on a filament & freeway arteries. Contributions to EDU-Snippets in *The HAPS Educator*, Fall 2003, 18-19
- Jensen, M. (2001). Essential and necessary. *The HAPS Educator*, Fall 2001, 10-11.
- Jensen, M. (2001). Why I fear Bill Nye, the science guy. *The HAPS Educator*, Winter 2001, 12-13.
- Jensen, M. (2000). Teaching in an “at-risk” college. *The HAPS Educator*, Summer 2000, 10-11.
- Jensen, M. (1999). WebAnatomy: A truly free anatomy and physiology review program on the World Wide Web. *The HAPS Educator*, November 1999, 7-8.
- Jensen, M. (1998-1999). A brief look into common non-Darwinian understandings of biological evolution. *The Minnesota Science Teachers Newsletter*, Winter, 35(2): 10-13.
- Jensen, M. (1998). Cooperative education: Part 1. Three types of educational environments—competitive, individualistic, and cooperative. *The HAPS Educator*, August 1998, 5-6.
- Jensen, M. (1998). Cooperative education: Part 2. The cooperative quiz: An introduction to a cooperative learning lab activity. *The HAPS Educator*, August 1998, 7-8.

### **Conference Presentations & Workshops – Refereed**

- Jensen, M, & Hull, K. (2018, November). Using Guided Inquiry to Teach Anatomy

and Physiology Core Concepts. Special workshop presented at the annual meeting of The National Association of Biology Teachers, San Diego, CA.

Jensen, M., Seither, L, Green, E. & Hull, K. (2017, November). *Philosophies and practices of inquiry: A comparative case study of dual-enrollment physics and physiology courses*. Poster presented at the annual meeting of The National Association of Biology Teachers, St Louis, Mo.

Jensen, M., Gerrits, R., Hull, K., and Ross, K., (2017, May). *Transforming the Physiology Classroom with Guided Inquiry Methods and Materials*. Presentation. Human Anatomy and Physiology Society National Conference, Salt Lake City, UT.

Hull, K., Marx, P. and Jensen, M. (2017, April). *Pathways and Role-plays: Using Analogies to Understand Matter and Energy Flow*. Presentation. Experimental Biology, Chicago, IL.

Jensen, M. (2016, May). *Engineering Simple Laboratory Devices to Help Introductory Students Learn Core Concepts of Physiology*. Presentation. Human Anatomy and Physiology Society National Conference, Atlanta, GA.

Jensen, M & Gerrits, R. (2015, November). *Using Guided Inquiry in Your Science Classes*. Presentation. Human Anatomy and Physiology Society Regional Conference, Milwaukee, WI.

Jensen, M & Barger, JB. (2015, May). *Identifying Core Concepts in Human Anatomy*. Presentation. Human Anatomy and Physiology Society National Conference, San Antonio, TX.

Murray S. Jensen & Anne Loyle-Langholz, (April, 2015) *Distilling Best Practices for Teaching and Learning in Anatomy and Physiology*. Presentation. Society of College Science Teachers. Chicago, IL.

Jensen, M. (February, 2015). *An Introduction to the POGIL Method of Teaching and Learning Human Anatomy and Physiology*. St. Georges Medical School. Grenada.

Jensen, M., (2013, October). *The HAPS POGIL project: Fifteen activities for entry level anatomy and physiology*. Presentation. Human Anatomy and Physiology Society National Conference, Fort Worth, TX.

Jensen, M., (2013, October). *The HAPS POGIL project: Fifteen activities for entry level anatomy and physiology*. Presentation. Human Anatomy and Physiology Society National Conference, Fort Worth, TX.

Jensen, M., Adams, J., & Froehle, A., (2013, May). *High School Anatomy and*

*Physiology Offered Through a Dual Enrollment Program.* Presentation.  
Human Anatomy and Physiology Society National Conference, Las Vegas, NV.

Jensen, M., Craner, S., Felice, J., Gerrits, R. Henninger, A., Jackson, J., Millis, L.,  
Parsons, A., & Ross, T. (2013, May). *The HAPS POGIL project.* Presentation.  
Human Anatomy and Physiology Society National Conference, Las Vegas, NV.

Jensen, M. (2013, March). Teaching College-Level Anatomy and Physiology  
Within High Schools Through a Concurrent Enrollment Program. Presentation.  
Society of College Science Teachers, San Antonio, TX.

Jensen, M., Jackson, J., & Gerrits, R. (2012, May). *The HAPS POGIL  
project: Developing and using teaching modules that promote conceptual  
understanding through group learning and inquiry.* Presentation. Human  
Anatomy and Physiology Society National Conference, Tulsa, OK.

Jensen, M. (2012, March). *College level anatomy and physiology courses offered in  
high schools: The Minnesota model.* Presentation. Human Anatomy and  
Physiology Society Regional Conference, Jacksonville, FL.

Jensen, M. (2012, March). *The HAPS POGIL project: Developing and using  
teaching modules that promote conceptual understanding through group learning  
and inquiry.* Human Anatomy and Physiology Society Regional Conference,  
Jacksonville, FL.

Jensen, M. (2011, May). *An introduction to Process Oriented Guided Inquiry  
learning.* Presentation. Human Anatomy and Physiology Society 2011  
Conference, Victoria, Canada.

Jensen, M. (2011, May). *Experiential learning in entry level anatomy and  
physiology: Evaluating a project focused on nutrition, families, and type 2  
diabetes.* Presentation. Human Anatomy and Physiology Society 2011  
Conference, Victoria, Canada.

Jensen, M. (2011, May). *Biological evolution within the anatomy and physiology  
classroom: A calm, rational and educational roundtable discussion.*  
Presentation. Human Anatomy and Physiology Society 2011 Conference,  
Victoria, Canada.

Jensen, M., Peter, G., & Trites, J. (2011, February). *iPads for everyone.*  
Presentation. Annual Conference on The First Year Experience, Atlanta, GA.

Jensen, M., Stebleton, M., & Peter, G. (2011, February). *Evaluating group video  
projects in relation to University of Minnesota student learning outcomes.*  
Presentation. Annual Conference on The First Year Experience, Atlanta, GA.

- Jensen, M. (2010, November). *Teaching college-level human anatomy and physiology in high schools through the college in the schools program*. Presentation. National Association of Biology Teachers Conference, Minneapolis, MN.
- Jensen, M. (2010, May). *Developing and evaluating curriculum materials that promote active learning in human anatomy and physiology*. Presentation. Human Anatomy and Physiology Society, Denver, CO.
- Stebbleton, M., Jensen, M., & Peter, G. (2010, February). *Food for thought...and action: A Multidisciplinary Approach to the First-Year Inquiry*. Presentation. Annual Conference on The First Year Experience, Denver, CO.
- Jensen, M. & Shuster, C. (2009, May). *The evolution of hybrid courses and their relationship to more interactive classroom learning activities*. Presentation and Panel Discussion. Human Anatomy and Physiology Society Conference, Baltimore, MD.
- Jensen, M. (2009, March). *Promoting higher order thinking in freshman-level anatomy and physiology*. National Science Teachers Association / Society for College Science Teachers, New Orleans, LA.
- Weinhaus, A., Jensen, M. & Ingram, D. (2008, May). *The effect of virtual anatomy laboratory software on lecture performance in the absence of a cadaver laboratory*. Poster presented at the annual meeting of the Human Anatomy and Physiology Society, New Orleans, LA.
- Jensen, M., Walker, J.D., Baepler, P., & Romero, G. (2008, March). *The use of online games in promoting cooperation and learning in a freshman human anatomy and physiology course*. Poster presented at the annual meeting of the National Science Teachers Association/Society for College Science Teachers, Boston, MA.
- Jensen, M. (2007, December). *The anatomy bowl: Using an Internet game to promote cooperation and competition within the science classroom*. Paper presented at the annual meeting of the National Association of Biology Teachers, Atlanta, GA.
- Jensen, M. (2007, May). *The anatomy bowl: A free and simple Internet game to help students learn anatomy and physiology*. Paper presented at the annual meeting of the Human Anatomy and Physiology Society, San Diego, CA.
- Jensen, M., Moore R., & Hatch, J. (2007, March). *Using technology to enhance student learning*. National Science Teachers Association/Society for College Science Teachers, Saint Louis, MO.

- Jensen, M. (2006, June). *Using games to help students learn anatomy and physiology*. Paper presented at the annual meeting of the Human Anatomy and Physiology Society, Austin, Texas.
- Jensen, M. (2005, October). *Realistic, and potentially unrealistic, goals in a freshman anatomy and physiology course*. Paper presented at the first meeting of Science Education at the Crossroads Conference, University of Connecticut, Storrs, MA.
- Jensen, M. (2004, June). *Ten years of WebAnatomy*. Paper presented at the annual meeting of the Human Anatomy and Physiology Society, Calgary, Alberta, Canada.
- Roberts, M.L., Jensen, M., & Buckley, P. (2004, March). *Career development for graduate students: The physiology teaching associates program*. Poster presented at the annual meeting of Experimental Biology, Washington, D.C.
- Moore, R., Hatch, J., Hsu, L., Jensen, M., & Duranczyk, I. (2003, October). *Helping students make good choices: How does class attendance affect how students learn science*. National Science Teachers Association Midwestern Regional Convention, Minneapolis, MN.
- Scharmann, L., Smith, M., James, M. & Jensen, M. (2003, March) *Explicit reflective nature of science instruction: Evolution, intelligent design, and umbrellology*. Paper presented at the annual meeting of the National Association of Research in Science Teaching, Philadelphia, PA.
- Jensen, M., Moore, R., Hatch, J., and Somdahl, C. (2002, November). *Technology enhanced learning in developmental college science courses*. Paper presented at the annual meeting of the National Association of Biology Teachers, Cincinnati, Ohio.
- Jensen, M., Moore, R., Hatch, J., & Somdahl, C. (2001, November). *Using the biological sciences to facilitate the development of students' academic skills*. Paper presented at the annual meeting of the National Association of Biology Teachers, Montreal, Canada.
- delMas, R., Brothen, T., Jensen, M., and Wambach, W. (2001, October). *Research on the use of technology to teach high-risk courses*. Poster session presented at the Third National Conference on Research in Developmental Education, Charlotte, NC.
- Jensen, M. (2001, May). *Initiating cooperative learning in the anatomy and physiology classroom; activities for the first week of class*. Paper presented at the annual meeting of the Human Anatomy and Physiology Society, Maui, HI.

- Jensen, M. (2001, March). *Basic elements of cooperative learning for developmental education instructors*. Paper presented at the annual meeting of the National Association for Developmental Education, Louisville, KY.
- Jensen, M. (2000, October). *Using cooperative quizzes to increase retention and performance in freshman science courses*. Paper presented at the annual meeting of the National Association of Biology Teachers, Orlando, FL.
- Jensen, M. (2000, May). *Using cooperative learning in an anatomy and physiology classroom*. Paper presented at the annual meeting of the Human Anatomy and Physiology Society, Charlotte, NC.
- Jensen, M., & Staveredes, S. (2000, April). *Cooperative learning via synchronous computer-mediated communication: Is it a possibility?* Paper presented at the annual meeting of the National Association of Research in Science Teaching, New Orleans, LA.
- delMas, R., Brothen, T., Hatch, J., Jensen, M., & Wambach, C. (2000, March). *Teaching nontraditional courses to nontraditional students*. Paper presented at the annual meeting of the National Association of Developmental Education, Biloxi, MS.
- Jensen, M. (1999, October). *An analytical view of students' understanding of biological evolution*. Paper presented at the annual meeting of the National Association of Biology Teachers, Fort Worth, TX.
- Guttschow, G. L. & Jensen, M. (1999, March). *Technophobic students, reactions to a technology rich science course*. Paper presented at the Annual NARST Meeting, Boston, MA.
- Jensen, M. (1998, April). *Critical factors required for successful implementation of technology within community college biology programs*. Paper presented at the annual meeting of the National Association of Research in Science Teaching, San Diego, CA.
- Jensen, M. (1998, March). *Uses of computers for teaching biology within developmental institutions*. Paper presented at the annual meeting of the National Association of Developmental Education, Atlanta, GA.
- Jensen, M. (1997, October). *Internet tools and activities for anatomy and physiology*. Paper presented at the annual meeting of the National Association of Biology Teachers, Minneapolis, MN.
- Jensen, M. (1997, March). *Transformative uses of technology for teaching biology in developmental education settings*. Paper presented at the annual meeting

of the National Association of Research in Science Teaching, Chicago, IL.

- Jensen, M. (1996, October). *Three types of writing in the anatomy and physiology classroom: A description and evaluation*. Paper presented at the annual meeting of the National Convention of the National Association of Biology Teachers, Charlotte, NC.
- Jensen, M., Settlage, J., & Odom, L. (1996, March). *Investigating the Disney effect: are students reluctant to apply natural selection principles to life forms with which they identify?* Paper presented at the annual meeting of the National Association of Research in Science Teaching, St. Louis, MO.
- Jensen, M., & Finley, F. (1995, November). *Changes in students' understanding of evolution by natural selection when using a historically rich curriculum*. Paper presented at the Third International History, Philosophy, and Science Teaching Conference, Minneapolis, MN.
- Jensen, M., & Finley, F. (1995, April). *A description and evaluation of two instructional strategies used with a diffusion and osmosis computer simulation*. Paper presented at the annual meeting of the National Association of Research in Science Teaching, San Francisco, CA.
- Jensen, M. (1994, July). *A multimedia lesson for osmosis in introductory biology*. Paper presented at the annual meeting of the International Symposium on Mathematics/Science Education and Technology, San Diego, CA.
- Jensen, M., & Finley, F. (1994, March). *Changes in students' understanding of evolution resulting from different curricular and instructional strategies*. Paper presented at the annual meeting of the National Association of Research in Science Teaching, Anaheim, CA.
- Jensen, M., & Finley, F. (1993, April). *Teaching evolution using historical arguments in a conceptual change strategy*. Paper presented at the annual meeting of the National Association of Research in Science Teaching, Atlanta, GA.

### **Conference Presentations – – Non-Refereed**

- Jensen, M. (2012, July). *Student developmental outcomes and on-line learning: Preparing students for the real world*. After-dinner talk. POGIL Regional Workshop, Minneapolis, MN.
- Jensen, M. (2012, July). *The HAPS POGIL project*. Poster. POGIL Regional Workshop, Minneapolis, MN.

- Gini, M., Chilton, J., & Jensen, M. (2007, April). *Creating cooperative competition: Learning games for the classroom*. Academy of Distinguished Teachers: Teaching and Learning Conference. Minneapolis, MN.
- Jensen, M., Gini, M., & Chilton, J. (2007, March). *Creating cooperative competition: Learning Games for the Classroom*. Enhancing Student Learning: Conversations about Research and Practice, University of Minnesota, Minneapolis, MN.
- Jensen, M. (2006, May). *The anatomy bowl: Student competition and cooperation*. Classrooms of the Future: Critical Reflections on Technology, University of St. Thomas, St. Paul, MN.
- Hatch, J., Jensen, M., and Moore, R. (2005, August). *Engaging students in large classes*. Workshop presented through the University of Minnesota Center for Teaching and Learning Services, Minneapolis, MN.
- Moore, R., Jensen, M., Hsu, L., & Hatch, J. (2002, October). *Choices and consequences: Is coming to class really that important?* Focusing on the First-Year Experience, Minneapolis, MN.
- Moore, R., Jensen, M., and Hatch, J. (2001, October). *Do state standards for teaching evolution really matter?* Minnesota Science Teachers Association, Fall Conference, St. Paul, MN.
- Guttschow, G. L., & Jensen, M. (1999, June). *Technophobic students, reactions to a computer-based anatomy course*. Paper presented at the Midwest Qualitative Research Conference, Minneapolis, MN.

### **Presentations – Invited Keynote Address – Non-Refereed**

- Jensen, M (2016, April). *Transforming anatomy and physiology instruction through the use of student-centered strategies: A discussion of novel curricular approaches*. Keynote address at Statewide Regional Biology Meeting. New York. SUNY.
- Jensen, M. (2013, December). *Promoting Conceptual Learning in Human Physiology Courses Through the Use of Process Oriented Guided Inquiry Learning*. Keynote address for the Australian Physiological Society conference, Geelong, Victoria. Australia.
- Jensen, M. (2013, July). *Transforming anatomy and physiology instruction through the use of student-centered strategies: A discussion of novel curricular approaches*. Keynote address for the International Union of Physiological Sciences Teaching and Education conference, Bristol England.

Jensen, M. (2012, July). *Student developmental outcomes and on-line learning: Preparing students for the real world.* After-dinner talk at the POGIL Regional Workshop, Minneapolis, MN.

Jensen, M. (2010, November). *Examining our increasing dependency on technology in teaching human anatomy and physiology: Finding a place for humans.* Keynote address at the National Association of Biology Teachers Conference, Minneapolis, MN.

Jensen, M. (2007, March). *We almost figured it out: Lessons learned after fifteen years of teaching developmental science education.* Keynote address for the Society of College Science Teachers Conference, St. Louis, MO.

### **Professional Presentations & Posters**

Jensen, M. (2012, July). *The HAPS POGIL Project.* Poster. POGIL Regional Workshop in Minneapolis, MN.

Jensen, M. (2011, October). *Does teaching your science really make you a better researcher?* Medical Science Journal Club, University of North Dakota, Grand Forks, ND.

Jackson, J., Woei, H., & Jensen, M. (2011, October). *High Impact Practices: Reflections on Process Oriented Guided Inquiry Learning.* Presentation. Reflecting on Teaching: An All-Campus Colloquium on the Scholarship of Teaching and Learning, University of North Dakota, Grand Forks, ND.

Jensen, M. (2009, October). *Evolution Education Roundtable: What students should know about biological evolution prior to entering college.* Roundtable Members: Randy Moore, Jay Hatch, and Susan Wick. National Science Teachers Association/Society of College Science Teachers, Minneapolis, MN.

Jensen, M. (2009, October). *An introduction to the College in the Schools program at the University of Minnesota.* Roundtable Members: Laura Chiles, Ann Marie Froehle, Dennis Forman, Susan Henderson, Melinda O'Connor, Tony McGee, Tomas Sharp, Susan Semmler, Alyson Purdy, Matt Brown, Lynnette Youngsma, and Susan Wick. National Science Teachers Association/Society of College Science Teachers, Minneapolis, MN.

Jensen, M., Jackson, J., & O'Neill, D. (2009, October). *From virtual histology to clickers to WebAnatomy: Formative testing as a means of affecting student engagement and learning in the biological sciences.* Reflecting on Teaching: An All-Campus Colloquium on the Scholarship of Teaching and Learning, University of North Dakota, Grand Forks, ND.

- Jensen, M. (2008, September). *Lessons learned while teaching freshman biology in a SMART room.* College of Biological Sciences, University of Minnesota, Minneapolis, MN.
- Weinhaus, A., Jensen, M. & Ingram, D. (2008, April). *The effect of virtual Anatomy laboratory software on lecture performance in the absence of a cadaver laboratory.* Poster presented at University of Minnesota Technology Enhanced Learning Seminar, Minneapolis, MN.
- Jensen, M. (2008, March). *The past, present, and future of cooperative learning.* SCST Marjorie Gardner Lecture (Invited presentation). Society of College Science Teachers/National Science Teacher Annual Meeting, Boston, MA.
- Jensen, M., Moore, P., Liu, H., Schottel, J., & Sykes, J. (2008, February). *The secret of my (simulated) success.* University of Minnesota Technology Enhanced Learning Seminar, Minneapolis, MN.
- Jensen, M., Gini, M., & Chilton, J. (2007, March). *Creating cooperative competition: Learning games for the classroom.* Presentation. Enhancing Student Learning: Conversations about Research and Practice. University of Minnesota, Minneapolis, MN.
- Gini, M., Chilton, J., & Jensen, M. (2007, April). *Creating cooperative competition: Learning games for the classroom.* Presentation. Academy of Distinguished Teachers: Teaching and Learning Conference, Minneapolis, MN.
- Jensen, M., Baepler, P., Walker, J.D., & Romero, G. (2007, October). *The Use of online games in promoting cooperation and learning in a freshman human anatomy and physiology course.* Celebration for the Archibald Bush Foundation Funded Grant: Enhancing Student Learning Through Innovative Teaching and Technology Strategies, Minneapolis, MN.
- Jensen, M. & Trites, J. (2007, May). *Teaching and learning in a multicultural classroom.* University of Minnesota Academic Health Center's Best Practices Institute, Minneapolis, MN.
- Bernhardt, P., Jensen, M., & Rubinyi, B. (2007, March). *Meeting the millennials halfway: Expanding teaching and learning with pod- and vodcasting.* University of Minnesota Technology Enhanced Learning Seminar, Minneapolis, MN.
- Jensen, M. (2006, May). *The anatomy bowl: Student competition and cooperation.* Presentation. Classrooms of the Future: Critical Reflections on Technology, University of St. Thomas, St. Paul, MN.

- Jensen, M. & Matys, M. (2006, October). *Partnering with APS archive of teaching resources*. Joint presentation by the Human Anatomy and Physiology Society and the American Physiology Society at the National Science Digital Lab yearly meeting in Washington, D.C., October, 19, 2006.
- Jensen, M. (2006, April). *Developing elementary teachers to teach science more deeply*. Four-day workshop sponsored by the Burnsville-Eagan-Savage Schools, MN.
- Jensen, M. (2006, April). *Evolution education workshop for high school and elementary school teachers*. Two-day workshop sponsored by the Rochester Area Math Science Partnership, MN.
- Jensen, M. (2005, December). *Developing teaching tools for science education*. Invited presentation at the University of North Dakota Medical School: Foundation of Biomedical Science Seminar, Grand Forks, ND.
- Jensen, M., Romero, G., & Connor, J. (2005, November). *Evaluating the use of WebVista in a large enrollment anatomy and physiology course*. Presentation at the regular meeting of the Bush Grant Initiative, Promoting Student Learning in Large Classes, University of Minnesota, Minneapolis, MN.
- Hatch, J., Jensen, M., & Moore, R. (2005, August). *Engaging students in large classes*. Presentation. Workshop presented through the University of Minnesota Center for Teaching and Learning Services, Minneapolis, MN.
- Jensen, M. (2004, December). *Data, information, knowledge and wisdom: Helping students along this path*. Minnesota Biology Teachers Association, St. Paul, MN.
- Jensen, M. (2004, November). *Teaching strategies for anatomy and physiology Instructors*. Houston Area Anatomy and Physiology Teachers, Houston, TX.
- Jensen, M. (2004, February). *Australian higher education*. Faculty Seminar Series, General College, University of Minnesota, Minneapolis, MN.
- Jensen, M. (2003, November). *Cooperative learning strategies for university lecturers*. The Learning and Teaching Development Unit. Adelaide University, Adelaide South Australia.
- Jensen, M. (2003, October). *Power Point Paralysis*. Presentation to the Environmental Science Faculty and Staff, Adelaide University, Adelaide, South Australia.

- Jensen, M. (2003, June). *The HAPS / APS partnership in the BEN network*. 2003 HAPS Conference, Philadelphia, PA.
- Jensen, M. (2003, February). *Darwin, evolution, and the church*. Presentation. St. Philip's Lutheran Church, Fridley, MN.
- Moore, R., Jensen, M., Hsu, L., & Hatch, J. (2002, October). *Choices and consequences: Is coming to class really that important?* Presentation. Focusing on the First-year Experience, Minneapolis, MN.
- Jensen, M. (2002, September). *Implementing and evaluating the use of computer peripheral equipment in the entry-level human anatomy and physiology laboratory*. University of Minnesota Technology Enhanced Learning Seminar, Minneapolis, MN.
- Moore, R., Jensen, M., & Hatch, J. (2001, October). *Do state standards for teaching evolution really matter?* Presentation. Minnesota Science Teachers Association, Fall Conference, St. Paul, MN.
- Jensen, M. (2001, March). *Cooperative learning and electronic online testing*. University of Minnesota Technology Enhanced Learning Seminar, Minneapolis, MN.
- Jensen, M. (2001, March). *Evaluating the electronic cooperative quiz*. Faculty Seminar Series, General College, University of Minnesota, Minneapolis, MN.
- Jensen, M., Bruch, P., & Reynolds, T. (2000, March). *Writing with TEL in anatomy and physiology*. University of Minnesota Technology Enhanced Learning Seminar, Minneapolis, MN.
- Jensen, M., Bruch, P., & Reynolds, T. (2000, March). *Different forms of writing in anatomy and physiology*. Faculty Seminar Series, General College, University of Minnesota, Minneapolis, MN.
- Guttschow, G. L. & Jensen, M. (1999, June). *Technophobic students, reactions to a computer-based anatomy course*. Presentation. Midwest Qualitative Research Conference, Minneapolis, MN.
- Jensen, M. (1998, December). *A conceptual change approach to teaching evolution*. Minnesota Biology-Life Science Teachers Conference, Science Museum of Minnesota, St. Paul, MN.
- Jensen, M. (1997, October). *The electronic cooperative quiz*. Faculty Seminar Series, General College, University of Minnesota, Minneapolis, MN.
- Jensen, M. (1993, June and 1994, June). *Interpreting the affective data collected during a summer research project*. Orientation weekend for Undergraduate

Summer Programs held at Lake Itasca, MN. (I was asked to give the same talk for the second year.)

### **Religious Presentations**

- Jensen, M. (2016, January). *Is Evolution Evil?* St. Timothy Lutheran Church, Columbia Hights, MN.
- Jensen, M. (2010, December). *Food worth eating.* St. Philip's Lutheran Church, Fridley, MN.
- Jensen, M. (2010, September). *Food for thought.* University Lutheran Church of Hope, Minneapolis, MN.
- Jensen, M. (2009, October). *Darwin and the church.* St. Michael's Lutheran Church, Roseville, MN.
- Jensen, M. (2008, April). *Science and theism.* St. Philip's Lutheran Church, Fridley, MN.
- Jensen, M. (2005, February). *An introduction to the ethics of stem cell research.* St. Philip's Lutheran Church, Fridley, MN.
- Jensen, M. (2005, January). *A brief history of eugenics.* St. Philip's Lutheran Church, Fridley, MN.
- Jensen, M. (2005, January). *A history of evolution and the church.* Prairie Lutheran Church, Eden Prairie, MN.
- Jensen, M. (2002, January). *Stem cells and the episcopate: Can we all get along?* St. Olaf Lutheran Church, Austin, MN.
- Jensen, M. (2000, January). *Will there ever be another ewe (you)?* St. Olaf Lutheran Church, Austin, MN.
- Jensen, M. (1998, October ). *A brief history of creationism and evolution.* St. Olaf Lutheran Church, Austin, MN.
- Jensen, M. (1998, May). *Evolution and creationism.* First Evangelical Lutheran Church, White Bear Lake, MN.
- Jensen, M. (1996, September). *Genetic research and ethical decision making.* First Evangelical Lutheran Church, White Bear Lake, MN.

### **TEACHING AND CURRICULUM DEVELOPMENT**

**HAPS Institute / Alverno College (Accrediting College)**

Courses Taught

Introduction to Education Research Methods

**University of Minnesota**

Courses Taught – Department of Biology Teaching and Learning

Human Physiology, Technology, and Medical Devices - Biol 1015

Human Biology - Biol 1010

Human Physiology, Technology, and Medical Devices – Biol 1015

Courses Taught – Department of Post Secondary Teaching and Learning

Essentials of Human Anatomy and Physiology - PsTL 1135

Freshman Seminar: Science and Politics of Genetics and Reproduction – PsTL 1942

Principles of Biological Science - PsTL 1131

First Year Inquiry - Food for Thought and Action - PSTL 1525W (Team taught with  
Michael Stebleton and Gary Peter)

Courses Taught – General College

Freshman Seminar: Humans and the Earth - GC 1901

Human Anatomy and Physiology - GC 1135

Biological Science: Principles - GC 1131

Biological Science: The Human Body - GC 1132

Biological Science Laboratory - GC 1137

**North Central Technical College (Wausau, WI)**

Radiation Biophysics

Biomedical Sciences I & II

Introduction to Biomedical Sciences

**Albany Area Schools (Albany, MN)**

Advanced Biology  
Chemistry  
Physical Science  
Introductory Physical Science  
Algebra

## **ADVISING AND CURRICULUM DEVELOPMENT**

### **Undergraduate Student Activities**

Maria King (Summer 1996). McNair Scholars Program  
Using the Internet in the English-as-a-second-language classroom

Carl Lundin (Summer 1996). McNair Scholars Program  
Using the World Wide Web to teach biological science

Courtney Peterson (Summer 1995). McNair Scholars Program  
Comparison of computer-based cooperative and individualistic learning in  
biological science education

Claire Puckette (Summer 1994). McNair Scholars Program  
An evaluation of MacAnatomy

Kristy Johnson (Summer 1992). McNair Scholars Program  
Gender influences involved in teaching and learning sciences

### **Graduate Student Activities**

Spicer, Scott R. (Spring 2013). Thesis title: The relations between digital  
storytelling creation and self-efficacy beliefs on media production skill sets in first  
year college students. Thesis adviser: Dr. Charles Miller.

## **SERVICE AND PUBLIC OUTREACH**

### **Service to the Discipline**

#### *Committee memberships*

Human Anatomy and Physiology Society. Editorial Board HAPS Educator Journal.  
2017-present.

Society of College Science Teachers. President. 2015-2016.

Society of College Science Teachers. President Elect. 2013-2015.

Human Anatomy and Physiology Society. Midwest Regional Director & Member of the Board of Directors. 2013-2015.

Nomination Board, Human Anatomy and Physiology Society. 2011-2017.

Advances in Physiology Education, Member of Article Review Board. 2012-2014.

Human Anatomy and Physiology Society: Newsletter (HAPS Educator) Editorial / Advisory Board. 2008-2010.

Society of College Science Teachers, Member of the Board of Directors. 2007-2010.

Society of College Science Teachers Outstanding Undergraduate Science Teachers Award (OUSTA). Committee Chair. 2007-2010.

National Science Foundation: Course Curriculum and Laboratory Improvement. Proposal Reviewer. 2007.

Society for College Science Teaching: Outstanding Undergraduate College Science Teachers Award. Committee Chair. 2007-2009.

Society for College Science Teaching: Executive Board of Directors. 2007-2009.

Chair of Human Anatomy and Physiology Society (HAPS) Curriculum Committee. 2003-2004.

Human Anatomy and Physiology Society (HAPS) Curriculum Committee Co-Chair. 2002-2003.

Human Anatomy and Physiology Society (HAPS) Co-WebMaster. 2001-2002.

American Biology Teacher Journal Advisory Committee. 2001-2004.

Human Anatomy and Physiology Society (HAPS) Distance Education Committee. 1998-2001.

Review committee for papers on technology and science education for the 1999 conference of the National Association of Research in Science Teaching. 1998.

Minnesota High Technology Council K-12 Committee. 1997-1999.

National Association of Research in Science Teaching Network Committee. 1996-1997.

Technology Committee for the National Association of Research in Science Teaching (NARSTNet). 1995-1998.

Review committee for papers on conceptual change for the 1998 conference of the National Association of Research in Science Teaching. 1997.

Review committee for papers on conceptual change for the 1997 conference of the National Association of Research in Science Teaching. 1996.

**Service To The University/College/Department**  
*University of Minnesota*

University of Minnesota Faculty Academic Oversight Committee on Intercollegiate Athletics. 2010-2013.

Office of the Senior Vice President for Academic Affairs and Provost's Teaching Evaluation Advisory Group. Spring 2008.

University of Minnesota Faculty Academic Oversight Committee on Intercollegiate Athletics. 2007-2009.

Office of the Senior Vice President for Academic Affairs and Provost's Teaching Evaluation Advisory Group. 2007.

University of Minnesota Bush Grant Initiative: Freshman Course Lead. 2004-2006.

University of Minnesota Web Vista Conversion Committee. 2004-2006.

University of Minnesota Senate Committee of Educational Policy (SCEP) subcommittee for the review of the H. T. Morse Alumni Award selection criteria. Chair. Spring, 2004.

University of Minnesota H. T. Morse Alumni Award Selection Committee. Spring, 2003.

University of Minnesota H. T. Morse Alumni Award Selection Committee. Spring, 2002.

University of Minnesota TEL Grant Review Committee. Fall, 2000.

Special Initiatives Group (University of Minnesota Executive Vice Provost's Office).

1998-2000.

Instructional Management Systems Focus Group (University of Minnesota Executive Vice Provost's Office). 1998-2000.

***College of Biological Sciences***

Department of Biology Teaching and Learning, Search Committee for Teaching

Associate Professor for Human Physiology. Fall 2016.

Department of Ecology, Evolution, and Behavior, Search Committee for Research /

Associate Professor for Animal Physiology. Fall 2016.

***College of Education and Human Development***

College of Education and Human Development, Single Semester Leave Committee,  
Chair. Spring 2010.

College of Education and Human Development, Single Semester Leave Committee,  
Chair. Spring 2009.

College of Education and Human Development, University Honors Workgroup.  
Spring 2008.

College of Education and Human Development, Sabbatical and Single Semester  
Leave Committee. Spring 2008.

College of Education and Human Development, Sabbatical and Single Semester  
Leave Committee. Spring 2007.

***Postsecondary Teaching and Learning***

PsTL Graduate Program Assessment Committee. 2011 – present.

PsTL Science Laboratory Coordinator Search, Chair. 2011.

PsTL First Year Inquiry: Advisory Committee. 2010-2011.

***General College***

General College, Policy and Planning Committee, Chair. 2004-2006.

General College, Salary Committee. 2001-2003.

General College, Policy and Planning Committee. 1996-2001.

General College, Communications Coordinator Search Committee. 2000-2001.

General College, Science Search Committee, Chair. 1999 -2000.

General College, WebCamp Committee (Leader). 1998-2000.

Health Science Advisory Board (CLA's Premajor Advising Office). 1998-1999.  
General College, World Wide Web Committee. 1997-1999.  
General College, Salary Committee. 1996-1997.  
General College, Search Committee to hire a Math Coordinator for the Academic  
Resource Center. Spring, 1998.  
General College, Retreat Committee. 1998.  
General College, Technology Committee. 1993-1997.  
General College, Curriculum Committee. 1995-1997.  
Committee for the Evaluation of Robin Murie, Coordinator of Commanding English  
Program. Spring, 1996.  
Technology Support Services Coordinator Search Committee. Fall, 1993.