

**Center of Excellence for
Faculty and Undergraduate
Student Research Collaboration**



**1997-1999
Biennial Report of Scholarly Contributions**

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Accounting and Finance

Tryba, Cynthia L., undergraduate student, with **D'Arcy Becker**, faculty, same department. "The Influence of Instructor Gender and Student Gender on Student Grades across the Accounting Curriculum." Thirteenth National Conference on Undergraduate Research. Rochester, NY, 8-10 Apr. 1999. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 150. UW-System Symposium for Undergraduate Research. La Crosse, WI, May 24-26, 1999.

Adult Health Nursing

Carlson, Vivian, Kot, Sharon_Sharon Kot, Yao Lu, Michele Miller, and John Mitchel, undergraduate students, with **Debra Jansen**, faculty, same department. "The Use of Group Reminiscence Therapy to Improve Life Satisfaction Among Nursing Home Residents with Dementia." Spring 1998. Presented as poster at the 8th National Indian Nursing Conference in Grand Forks, ND, sponsored by Indian Health Service and the U of North Dakota College of Nursing.

Allied Health Professions

Fabian, Angela, and Karlina Mahle, Joni Olson, undergraduate students, with **Lee Anna Rasar**, faculty, same department. "Therapeutic Responses of Female Inmates to Dance and Movement to Music." 45th Annual Great Lakes Region Conference of the American Music Therapy Association. Evansville, IN, March 12-15, 1998.

Fabian, Angie and Karli Mahle, undergraduate students, with **Lee Anna Rasar**, faculty, same department. "Research Implications for Therapeutic Effects of Dance and of Soundbeam across Populations-on the AMTA Clinical Practice Forum." Music Therapy Renaissance-Overture to a New Era – Inaugural Conference of the American Music Therapy Association. Cleveland, OH, 19-22 November 1998.

Lichty, Jessica M., undergraduate students, with **Lee Anna Rasar**, faculty, same department. "Research Paste Session: Development of Academic Content/Performance Standards for Music in Special Education." 48th Annual National Association for Music Therapy Conference. Los Angeles, CA, November 20-23, 1997.

Miller, Jeffrey M., undergraduate student, with **Lee Anna Rasar**, faculty, same department. "Therapeutic Applications of Rock n' Roll." Thirteenth National Conference on Undergraduate Research. Rochester, NY, 8-10 Apr. 1999. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 229. UW-System Symposium for Undergraduate Research. La Crosse, WI, May 24-26, 1999.

Perry, Bethany, and Wendy Wolslegel, undergraduate students, with **Lee Anna Rasar**, faculty, same department. "Assessment of Effectiveness of the Soundbeam to Elicit Movement and Social Interaction in Patients with Deficits in These Areas." 12th National Conference on Undergraduate Research. 23-25 Apr. 1998. Salisbury, MD. 45th Annual Great Lakes Region Conference. Evansville, IN, March 1998.

Stammer, Karen, undergraduate student, with **Lee Anna Rasar**, faculty, same department. "Videolog Analyzation and Documentation of Interaction Responses of an Autistic Client." 48th Annual National Association for Music Therapy Conference. Los Angeles, CA November 1997.

American Indian Studies

Ledo-Anderl, Debbie, undergraduate student, with **Mary Allen Alea**, faculty, same department. "Two Montana Families." UW-System Symposium for Undergraduate Research. La Crosse, WI, May 24-26, 1999.

Biology

Alvarez, Maggie, and **Darly Knoedler**, undergraduate students, with **Daniel Janik**, faculty, same department. "Naloxone's Effects on Exercise-Induced Resetting of Circadian Rhythms." Thirteenth National Conference on Undergraduate Research. 8-10 Apr. 1999, Rochester, NY. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 53.

Barrette, Erica C., **Dawn A. Schroeder**, and **Anne C. Luebke**, undergraduate students, with **Jon Scales**, faculty, same department. "Sequencing and Analysis of the Ecori M Fragment of the Entomopoxvirus *Amsacta Moorei* Genome." UW-System Symposium for Undergraduate Research. La Crosse, WI, May 24-26, 1999.

Healy, Brian, undergraduate student, with **David Lonzarich**, faculty, same department. "Microhabitat Selection and Social Organization of Overwintering Juvenile Coho Salmon (*Oncorhynchus Kisutch*) in a Lake Superior Tributary." American Society of Ichthyologists and Herpetologists. Guelph, Ontario, Canada, 16-23 July 1998.

Kleintjes, Paula, faculty, and **Nikki Constantine** and **Karie Cherwin**, undergraduate students. "Use of Conservation Reserve Program Lands by White-tailed Deer in Buffalo and Trempeleau Counties, WI." Proc. of the Wisconsin Academy of Sciences, Arts, and Letters 129th Annual Conference. Stevens Point, WI. 9-10 April 1999. 15.

—, and **Christopher A. Raebel**, undergraduate student. "Habitat Restoration and Management for the Karner Blue Butterfly at the Fairchild, WI Wastewater Treatment Facility." Proc. of the Wisconsin Academy of Sciences, Arts, and Letters 129th Annual Conference. Stevens Point, WI. 9-10 April 1999. 17.

—, and **Solensky, Michelle_Michelle Solensky**, and **Rebecca L. Cullen**, undergraduate alumni, same department. "Use of Christmas Tree Plantations by Songbirds in a Fragmented Forest Landscape." *Bulletin of the Ecological Society* 78 (1997): 270.

Turtinen, Lloyd W., faculty, and **Brian D. Juran**, undergraduate student. "Standardization and Comparison of an XTT-based TNF- μ Bioassay with a TNF- μ ELISA." *BioTechniques* 24 (1998): 232-38.

Wittrock, Darwin, faculty, with **Daniel Walker**, alum. "Histochemistry and Ultrastructure of the Metacercarial Cyst of *Cryptogonimus Chyli* (Trematoda: Cryptogonimidae)." *Journal of the Helminthological Society of Washington* 66 (1999): 82-86.

Chemistry

Baas, Brad., undergraduate student, with **Scott Hartsel**, faculty, same department. "Kinetics of Dissociation and Transfer of Amphotericin B from a Novel Delivery Form" Biophysical Society Baltimore, MD, February 13-17, 1999.

Chenier, Philip J., faculty, and **Jason Halfen**, faculty, same department, **Autmn Rich**, undergraduate student, same department, and **Thomas R. Hoye**, U of Minnesota. "Tropocoronands as Enantioselective Catalysts." *Abstracts of Papers*, 217th National Meeting of the American Chemical Society, Anaheim, CA. Washington, DC: American Chemical Society, 1999. ORGN 371.

—, with **Tami L. Raguse**, undergraduate student, **Thomas R. Hoye**, U of Minnesota, and **Andrew S. Judd**, graduate student, U of Minnesota. "The Synthesis of Chiral Tropocordnands." Proceedings of the 214th National Meeting of the American Chemical Society. Sept. 1997. Las Vegas, NV. ORGN 227.

—, **Raguse, Tami L. Raguse**, undergraduate student, **Andrew S. Judd**, graduate student, U of Minnesota, and **Thomas R. Hoye**, U of Minnesota. "Chiral Tropocordnands: Synthesis and Metal Complex Formation." *Tetrahedron Letters* 38 (1997): 7341-44.

—, **Kathryn E. Splan**, and **Autumn E. Rich**, undergraduate students, and **Thomas R. Hoye**, U of Minnesota. "The Synthesis of Chiral Tropocordnands Derived from 1,2-Diamond Cyclohexane and 1,2-Diphenyl-1,2-Diamindethane." Proceedings of the 215th National Meeting of the American Chemical Society. Mar. 1998. Dallas, TX. CHED 513.

Emerson, Joseph P., **Farrell, Gregory D. Farrell**, **Jason K. Hallman**, and **Kari L. Truszynski**, undergraduate students, with **Jason Halfen**, faculty, same department. "Synthetic Models for Non-Native Metal Substituted Mononuclear Superoxide Dismutases." *Abstracts of Papers*, 217th National Meeting of the American Chemical Society, Anaheim, CA. Washington, DC: American Chemical Society, 1999. INOR 476.

Emmerson, Joseph P. and **Gregory D. Farrell**, undergraduate students, with **Jason Halfen**, faculty, same department. "Synthetic Models fro Cobalt (II)-Substituted Manganese Superoxide Dismutase." 217th National Meeting of the American Chemistry Society. Anaheim, CA, March 21-25, 1999.

Halberg, Andrea, and **Kathryn E. Splan**, undergraduate students, **Robert Eierman**, faculty, and **Jason Halfen**, faculty, same department. "Chemistry Outreach and Tutoring Program." *Abstracts of Papers*, 217th National Meeting of the American Chemical Society, Anaheim, CA. Washington, DC: American Chemical Society, 1999. CHED 703.

Hallman, Jason K., undergraduate student, with **Jason Halfen**, faculty, same department. "Triazacyclononame-Ligated Divalent Metal Complexes with Labile Ancillary Ligands: Novel Precursors to New Inorganic Materials and Catalysts," *Abstracts of Papers*, 217th National Meeting of the American Chemical Society, Anaheim, CA, March 21-25, 1998. Washington, DC: American Chemical Society, 1999. INOR 477.

Hartsel, Scott, faculty, with **Katie Kindt**, **Angela Scott**, **Jessica Scott**, **Peter Mikulecky**, and **Brad Baas**, undergraduate students. "Kinetics of Dissociation and Transfer of Amphotericin B from a Novel Delivery Form." Biophysical Society. Baltimore, MD, 13-17 Feb. 1999. *Biophysical Journal* 76.1 (1999): A383.

King, Frederick, faculty, with **Dan G. Ballageer**, **Dave J. Larson**, **Paul J. Pelzl**, **Scott A. Nelson**, **Ty J. Prosa**, and **Brad M. Hinaus**, undergraduate students. "Hylleraas-type Calculations of the Relativistic Corrections for the Ground State of the Lithium Atom." *Physical Review A* 58 (1998): 3597-3603.

—, with **Matthew D. Feldmann** and **Paul J. Pelzl**, undergraduate students. "Evaluation of Some Integrals Arising in Relativistic Corrections for the Atomic Three-Electron Problem." *Journal of Mathematical Physics* 39 (1998): 6262-75.

—, with **Paul J. Pelzl**, undergraduate student. "Convergence Accelerator Approach for High Precision Evaluation of Three-Electron Correlated Integrals." *Physical Review E* 57 (1998): 7268-73.

—, and **Ignacio Porras**, University of Granada, Spain, and **Matthew D. Feldmann**, undergraduate student. "A Nonlinear Programming Approach to the Ground State of the Helium Atom Based on Lower Bounds to the Energy." *International Journal of Quantum Chemistry* 71 (1999): 455-63.

Marks, Angela, undergraduate student, with **Mel Sahyun**, academic staff, same department. "Molecular Mechanics Studies of Cyanine Dyes." American Chemical Society - Great Lakes Regional Meeting. Milwaukee, WI, May 31-June 3, 1998.

Mikulecky, Peter, undergraduate student, with **Scott Hartsel**, faculty, same department. "Implications of Osmotic Stress Potentiation of Amphotericin B and Derivatives' Channel-Forming Activities." Biophysical Society 42nd Annual Conference. Kansas City, MO, February 22-26, 1998.

—, with **Scott Hartsel**, faculty, same department. "Kinetics of Dissociation and Transfer of Amphotericin B from a Novel Delivery Form." Biophysical Society. Baltimore, MD, 13-17 February 1998.

Muller, Cheryl L., faculty, and **Jason R. Bever, Mark S. Dordel** and **Moiz M. Kitabwalla**, alumni, **Yu Li**, Keene State College, **Justin B. Sausker, Troy R. Seehafer, Theresa M. Sobaski**, and **Ellen K. Zorowski**, alumni, and **Jerry P. Jasinski**, Keene State College. "Regiochemistry and Fragmentation of Dioxanone Photoadducts." The 29th Annual Great Lakes Regional Meeting for the American Chemical Society. 22 May 1996. Normal, IL.

—, and **Jason R. Bever, Mark S. Dordel, Moiz M. Kitabwalla, Theresa M. Reineke, Justin B. Sausker, Troy R. Seehafer**, alumni, **Yu Li** and **Jerry P. Jasinski**, Keene State College. "Regiochemistry of Intramolecular Photocycloaddition of 1,3-Dioxin-4-ones Tethered through the Ketal Carbon." *Tetrahedron Letters* 38.50 (1997): 8663-66.

—, and **Risberg, Laura J. Laura J. Risberg**, alumnus. "New Sulfoxide Reagents for Selective Oxidation of Primary and Secondary Alcohols." The 30th Annual Great Lakes Regional Meeting for the American Chemical Society." 30 May 1997. Chicago, IL. Chicago: American Chemical Society, 1997. 124.

Ochrymowycz, Leo A., faculty, and **Andrew J. Grall**, alumnus, **Wynn A. Volkert**, U of Missouri-Columbia and H.S. Truman Memorial Hospital, **Ann R. Ketring**, U of Missouri-Columbia, **Jack F. Skerlj** and **James F. Vollano**, post-doctoral associates, U of Missouri-Columbia, and **Ni Li, Marie Struttman, Kathryn Higgenbotham, Saul A. Bridger**, and **Mark J. Abrams**, graduate students, U of Missouri-Columbia. "Biodistribution of Model Rh-105-Labeled Tetradentate Thiamacrocycles in Rats." *Nuclear Medical Biology* 24 (1997): 85-92.

—, and **James Vyvyan** and **Andrew J. Grall**, alumni, **Turner A. Howard**, Memorial High School student, Eau Claire, WI, **David B. Rorbacher**, Wayne State U, and Dunn, Brian C. **Brian C. Dunn** and **V. Prabodha Wijetunge**, graduate students, Wayne State U. "Electronic-Transfer Kinetics and Thermodynamic Characterization of Copper (II/I) Complexes with Acyclic Tetrahaiaethers in Aqueous Solution." *American Chemical Society* 36.20 (1997): 4484-89.

—, and **Jeff A. Vroman** and **Andrew J. Grall**, alumni, **Michael R. Snow**, Chippewa Falls High School student, Chippewa Falls, WI, **David B. Rorbacher**, Wayne State U, **Ksenia Krylova** and **Kimberly D. Jackson**, graduate students, Wayne State U. "Ring Size, Substituent, and Anion Effects on the Kinetic and Equilibrium Properties of Copper (III) Complexes with Water-Soluble Macrocyclic Tetrahaethers." *Journal of Inorganic Chemistry* 36.27 (1997): 6216-23.

Pladzewicz, Jack R., faculty, with **Xi Chen**, alumnus, U of Rochester, **Qu Qinling**, alumnus, Purdue U, **Jennifer L. Brandt**, alumnus, U of Minnesota, et al. "Estimation of Self-Exchange Electron Transfer Rate Constants for Organic Compounds from Stopped-Flow Studies." *Journal of the American Chemical Society* 119.25 (1997): 5900-07.

—, with **DeWayne Halfen**, undergraduate student, and **Amy L. Odegard**, alumnus, UW-Madison, and **Stephen F. Nelsen**, UW-Madison. "Indirect Determination of Self-Exchange Electron Transfer Rate Constants." *Journal of the American Chemical Society* 120 (1998): 8230-40.

—, and **Qu Qinling**, alumnus, Purdue U. "One-Electron Transfer Reactions of the Tetrathiafulvalene with Alkylhydrazines." Abstract. Proceedings of the 214th American Chemical Society National Meeting. April 1997. Las Vegas, NV. Las Vegas: American Chemical Society, 1997. CHED 615.

Rich, Autumn, undergraduate student, with **Phillip Chenier**, faculty, same department. "The Synthesis of Chiral Tropocoronands Derived from 2,4-Diaminopentane." National Meeting of the American Chemical Society. Dallas, TX, March 1998.

Ruckwardt, Tracy, undergraduate student, with **Scott Hartsel**, faculty, same department. "Implications of Osmotic Stress Potentiation of Amphotericin B and Derivatives' Channel-Forming Activities." Biophysical Society 42nd Annual. Kansas City, MO, February 1998.

Sahyun, Melville R.V., academic staff, with **Amanda C. Bruce**, **Monica Chadha**, and **Angela Marks**, undergraduate students. "Complex Formation between Cyanine Dyes and Aromatic Heterocycles." *Journal of Photochemistry and Photobiology A: Chemistry* 119: (1998): 191.

—, with **Michael A. Dunnigan** and **Monica Chadha**, undergraduate students. "Electronic Structure of Layered Silver Carboxylates." *Journal of Applied Physics, B* 48 (1998): 887ff.

—, with **Angela Marks**, undergraduate student. "Complexes of Cyanine Dyes with Heterocycles of Photographic Significance." Conference presentation. "PICS," Spring Conference of the Society of Imaging Science and Technology, Savannah, GA. March, 1999.

Scott, Angela and **Jessica Scott**, undergraduate students, with **Scott Hartsel**, faculty, same department. "Implications of Osmotic Stress Potentiation of Amphotericin B and Derivatives' Channel-Forming Activities." Biophysical Society 42nd Annual. Kansas City, MO, February 22-26, 1998.

Splan, Kathryn, undergraduate student, with **Philip Chenier**, faculty, same department. "The Synthesis of Chiral Tropocoronands Derived from 1,2-Diaminocyclohexane and 1,2-Diphenyl-1,2-diaminoethane." American Chemical Society (ASC) National Convention. Dallas, TX, March 1998.

Communication Disorders

Aase, Dawn, Charity Hovre, Karleen Krause, Sarah Schelfhout, and Jennifer Smith, undergraduate students, with **Linda Carpenter**, faculty, same department. "Contextual Test of Articulation." Poster presentation. Annual conference of the Wisconsin Speech-Language-Hearing Association, Madison, WI. Feb. 1999.

Communication and Journalism

Kelly, Meredith, with **Susan Hafen**, faculty, same department. "Symbolic Interactionism, Semiotics and *The Wizard of Oz*." The Undergraduate Communication Research Conference at the University of St. Thomas. Minneapolis, MN, April 23, 1999.

Knutson, Jana M., and **Amy J. Witczak** undergraduate students, with **Susan Hafen**, faculty, same department. "Telephone Phobia in a 'Phone First!' Culture." Eastern States Communication Association Convention. Saratoga Springs, NY, April 1998.

Nie, Matt, with **Susan Hafen**, faculty, same department. "The Relationship Dialectics of *Annie Hall*." The Undergraduate Communication Research Conference at the University of St. Thomas. Minneapolis, MN, April 23, 1999.

Thomas, Rachael, with **Susan Hafen**, faculty, same department. "The Culture at Sam's Club: An Organizational Ethnography." The Undergraduate Communication Research Conference at the University of St. Thomas. Minneapolis, MN, April 23, 1999.

Computer Science

Betzel, Michael W., undergraduate student, with **Daniel E. Stevenson**, faculty, same department. "Content-Based Retrieval of GIF Images." Paper presented at the UW-System Symposium for Undergraduate Research. La Crosse, WI, May 24-26, 1999.

Phelps, Brad, undergraduate student, **Jack Tan**, faculty, same department. "Techniques for Addressing the Year 2000 Transition." 21st Annual International Computer Software and Application Conference. Bethesda, MD, August 1997.

Williams, Trevor, undergraduate student, with **Jack Tan**, faculty, same department. "Efficient Implementation Strategies for the DRB Approach in Fault Tolerant Systems." 21st Annual International Computer Software and Application Conference Bethesda, MD, August 1997.

Counseling Services

Squires, Daniel J., Jennifer D. Hoffman, and Kevin J. Schoen, undergraduate students, with **P.J. Kennedy**, academic staff, same department, and **Allen Keniston**, faculty, Psychology. "Assessing College Depression: The Collegiate Depression Inventory (CDI)." 1999 Midwestern Psychological Association (MPA) Conference. Chicago, IL, April 29-May 1, 1999.

Viergutz, Jessica L., A. Hilburger, P. Thomas, L. Koberstein, J. Spaak, and K. Bateman, undergraduate students, with **P.J. Kennedy**, academic staff, same department. "A Correlational Study of Depression, Ruminative Thought Patterns, and Gender Characteristics." 1999 Midwestern Psychological Association (MPA) Conference. Chicago, IL, April 29-May 1, 1999.

Dean of Students

Spaak, Jill, undergraduate student, with **Robert Shaw**, faculty, same department. "Experiences and Insights on Addressing the Use and Misuse of Alcohol on a College Campus." Alcohol Abuse and Binge Drinking at Colleges—Successful Strategies to Reduce Alcohol Abuse and Binge Drinking Conference. Orlando, FL, 20-23 February 1999.

Economics

Alexander, Terry L., undergraduate student, and **Maria Da Costa**, faculty, same department. "The Contribution of Township and Village Enterprise to China's Economic Development: An Econometric Analysis." Eastern Economic Association Annual Meeting. New York, NY, February 26-March 1, 1998.

Williams, Emily E., undergraduate student, with **Kristen Monaco**, faculty, same department. "Assessing the Determinants of Safety in the Trucking Industry." Thirteenth National Conference on Undergraduate Research. Rochester, NY, 8-10 Apr. 1999. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 143.

English

Bylander, Jessie, undergraduate student, with **Bernard Duyfhuizen**, faculty, same department. "The Trouble with St. John: The Removal, Repair, and Reconstruction of St. John Rivers in Film Adaptations of *Jane Eyre*." Thirteenth National Conference on Undergraduate Research. Rochester, NY, 8-10 Apr. 1999. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 198. Conference on Narrative at Dartmouth College. Hanover, NH, April 28-May 2, 1999.

Becker, Carrie Beth, undergraduate student, with **Monica Chiu**, faculty, same department. Original poetry. Sigma Tau Delta Annual National Convention: Language as Homeland. Anaheim, CA, March 19-21, 1998.

Duyfhuizen, Bernard, faculty, with **Brian Swatek**, alumnus. "An Index to V." *Pynchon Notes* 36-39 (1995-96): 35-68.

Lok, Jasmine, and **Heather Lee Mills**, undergraduate students, with **Monica Chiu**, faculty, same department. "The Hmong in Transition: An Exploration of Life from Laos to America." Association for Asian American Studies Conference. Honolulu, HI, June 24-28, 1998.

Moua, Yang P., undergraduate student, with **Tim Hirsch**, faculty, same department. "Becoming a U.S. Citizen or Not." Hmong 4th National Conference. Denver, CO, April 16-18, 1998.

Family Health Nursing

Dahm, Kyle, and **Sara McLaughlin**, undergraduate students, with **Susan Diemert Moch**, faculty, same department. "Taking the Dependence Out of Early Clinical Teaching." Nursing Education for the 21st Century: Creating New Pedagogies for Nursing. Chicago, IL, 16-19 July 1998.

Schaus, Meggin, and **Erica Weber**, undergraduate students, with **Audrey Bryan**, faculty, same department. "Effect of a Prenatal Intervention on Parent-Child Interaction Post Birth." Perinatal education: Best Practice, Best Outcomes Conference. Madison, WI, 2 October 1998.

Schaus, Meggin, and **Jennifer Werlien**, undergraduate students, with **Susan Diemert Moch**, faculty, same department. "Increasing Research Dissemination through Research-Practitioner Communication." Sixth National Conference on Research for Practice, Key Aspects Conference: Preventing and Managing Chronic Illness. Chapel Hill, NC, 7-11 April 1999.

Foreign Languages

Coleman, Jason., undergraduate student, with **Eva Phillips-Santos**, faculty, same department. "La Construcción del Género Femenino en el Cine Latinoamericano." North Central Council of Latin Americanists. St. Norbert College, De Pere, WI, October 16-17, 1998.

Rivera, Alma, undergraduate student, with **Angelo Armendariz**, faculty, same department. "Insights into the Imperfect and Preterite Tenses of Spanish." UW-System Symposium for Undergraduate Research. La Crosse, WI, May 24-26, 1999.

—, with **Eva Santos-Phillips**, faculty, same department. "Current Puerto Rican Literature: A Woman's Perspective." UW-System Symposium for Undergraduate Research. La Crosse, WI, May 24-26, 1999.

—, with **Eva Santos-Phillips**, faculty, same department. "Gender Issues in Contemporary Puerto Rican Narrative." Women and Creativity 2: Women as Artists and Subjects. Milwaukee, WI, March 25-27, 1999.

Geography

Bartz, Chad M., undergraduate student, and **Harry M. Jol**, faculty, same department. "Three-Dimensional Ground Penetrating Radar: Visualization of a Delta Using PC Based Software." Geological Society of America, 31st Annual Meeting, North-Central Section, Abstracts with Programs. Madison, WI, 1-2 May 1997. 3.

Bloom-Krull, Matthew., undergraduate student, with **Garry Running**, faculty, same department. "Archaeological & Paleoenvironmental Significance of Late-Holocene, Parabolic Dunes, Flint Stone Hill, Lauder Sand Hills, Southwestern Manitoba, Canada." 95th Annual Meeting of the Association of the American Geographers. Honolulu, HI, March 24-27, 1999.

Dettman, Jason, undergraduate student, with **Garry L. Running**, faculty, same department. "Wetland Restoration on Western Wisconsin." 94th Annual Meeting of the Association of American Geographers. Boston, MA, March 25-29, 1998.

Haughton, Paul, Brian Thayer, and **Tony Viavattine**, undergraduate students, with **Sean Hartnett**, faculty, same department. "Bathymetric Mapping of Lower Nehmabin Lake, Oconomowoc, Wisconsin." Thirteenth National Conference on Undergraduate Research. 8-10 Apr. 1999, Rochester, NY. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 163.

Jol, Harry M., faculty, and **Chad M. Bartz, Erica LeMoine**, and **Brian Thayer**, undergraduate students. "Ground Penetrating Radar Investigation: Long Island Barrier-Spit, Lake Superior." American Association of Geographers, 94th Annual Meeting. Washington DC: American Association of Geographers, 1998. Abstracts on CD-ROM.

—, and **G.R. Whittecar, D. M. Holloway**, and **S. Becraft**, Old Dominion University, **Karen G. Havholm**, faculty, Geology, and **Beth Wenell**, undergraduate student. "Topography and Characteristics of Paleosols within Coastal Back-Barrier Dunes, Northeastern North Carolina.

Geological Society of America, Annual Meeting, Toronto, October 26-29. *Abstracts with Programs*, A-138.

Jones, Cathi, undergraduate student, with **Brady Foust**, faculty, same department. "The Inefficiency of Recycling Collection Routes." 1998 Association of American Geographers Annual Meeting. Boston, MA, March 25-29, 1998.

Kelley, Bryce, undergraduate student, with **Garry L. Running**, faculty, same department. "Geoarchaeology of Dell's Pond Ridged Field Site, Eau Claire, WI." 94th Annual Meeting of the Association of American Geographers. Boston, MA, March 25-29, 1998.

Morrell, Timothy D., undergraduate student, with **Running, Garry L.**, faculty, same department. "Sedimentology and Paleoenvironmental Significance of Mid-Holocene Eolian Sandsheets and Playa Lake Sediments." Association of American Geographers 95th Annual Meeting, Honolulu, HI. 23-27 March 1999.

Robinson, Janet S., undergraduate student, with **Garry Running**, faculty, same department. "Assessing Construction Site Soil Erosion in Eau Claire, WI." 95th Annual Meeting of the American Association of Geographers. Honolulu, HI, 23-27 March 1999.

Running, Garry L., faculty, with **Matthew Bloom-Krull, William C. Lazarz, and Timothy D. Morrell**, undergraduate students. "Archaeological and Paleoenvironmental Significance of Late-Holocene Parabolic Dunes, Flint Stone Hill, Lauder Sand Hills, Southwestern Manitoba, Canada." Association of American Geographers 95th Annual Meeting, Honolulu, HI—Poster Presentation. 23-27 Mar. 1999.

—, with **M.J. Boyd**, U of Calgary, **S. Hamilton**, Lakehead U, **B.A. Nicholson**, Brandon U, **Matthew Bloom-Krull, William C. Lazarz, and Timothy D. Morrell**, undergraduate students. "Geoarchaeology of Flint Stone Hill: Implications for Holocene Landscape Evolution in the Makotchi-Ded-Dontipi, Southwestern Manitoba." 56th Annual Plains Conference, Bismarck, North Dakota—Poster Presentation. 14-17 Oct. 1998.

—, with **Jason Dettman**, undergraduate student. "Wetland Restoration in Western Wisconsin." Association of American Geographers 94th Annual Meeting, Boston, MA—Poster Presentation. 25-29 Mar. 1998.

—, with **William C. Lazarz, Timothy D. Morrell, and Matthew Bloom-Krull**, undergraduate students. "Chronostratigraphic Significance of Proglacial Lake Hind Deposits at Flint Stone Hill, Southwestern Manitoba. Association of American Geographers 95th Annual Meeting, Honolulu, HI—Poster Presentation. 23-27 Mar. 1999.

—, with **Timothy D. Morrell, William C. Lazarz, and Matthew Bloom-Krull**, undergraduate students. "Sedimentology and Paleoenvironmental Significance of Mid-Holocene Eolian Sandsheet and Playa Lake Sediments, Flint Stone Hill, Lauder Sand Hills, Southwestern Manitoba." Association of American Geographers 95th Annual Meeting, Honolulu, HI—Poster Presentation. 23-27 Mar. 1999.

—, with **Danielle Oftedahl-Yahn**, undergraduate student. "Geographical Analysis of the Viability of the Earthship Concept to Wisconsin Environmental Conditions." West Lakes Division, Association of American Geographers Annual Meeting, Madison, WI—Poster Presentation. 29-31 Oct. 1998.

—, with **Janet S. Robinson**, undergraduate student. "Assessing Construction Site Soil Erosion Control Practices in Eau Claire, WI." Association of American Geographers 95th Annual Meeting, Honolulu, HI—Poster Presentation. 23-27 Mar. 1999.

—, with **Amy Jo Steffen**, undergraduate student. "Soil Erosion and Land Use: An Example from West-Central Wisconsin." Association of American Geographers 94th Annual Meeting, Boston, MA—Poster Presentation. 23-27 Mar. 1998.

—, with **Tony Viavattine**, and **Paul Haughton**, undergraduate students, and **Harry M. Jol**, faculty, same department. "Ground Penetrating Radar Investigation of Potential Native American Burial Mounds." Association of American Geographers 95th Annual Meeting, Honolulu, HI—Poster Session, 23-27 March 1999.

—, with **Tony Viavattine**, and **Paul Haughton**, undergraduate students, and **Harry M. Jol**, faculty, same department. "Ground Penetrating Radar Investigation of Potential Native American Burial Mounds, Fort McCoy, WI." West Lakes Division, Association of American Geographers Annual Meeting, Madison, WI—Poster Presentation. 29-31 Oct., 1998.

—, with **Danielle Oftedahl-Yahn**, undergraduate student. "Restoring Wetlands in the Driftless Area, Southwestern Wisconsin." Association of American Geographers 95th Annual Meeting, Honolulu, HI—Poster Session. 23-27 Mar. 1999.

Steffen, Amy Jo, undergraduate student, with **Garry L. Running**, faculty, same department. "Soil Erosion and Land Use - An Example from West-Central Wisconsin." 94th Annual Meeting of the Association of American Geographers. Boston, MA, March 25-29, 1998.

Steffen, Amy Jo, undergraduate student, with **Kent Syverson**, faculty, same department. "Clay Mineralogy of Pre-Late Wisconsin Till Units, Western WI." North-Central Geological Society of America – 32nd Annual Meeting. Columbus, OH, March 19-20, 1998.

Thayer, Brian, undergraduate student, with **Harry M. Jol**, faculty, same department. "Detailed Ground Penetrating Radar Profiles showing Coastline Depositional Rates, Washington." Thirteenth National Conference on Undergraduate Research. 8-10 Apr. 1999, Rochester, NY. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 164.

—, undergraduate student, with **Harry M. Jol**, faculty, same department, and **G. Kaminsky** and **P. Ruggiero**, Washington State Department of Ecology 1999. Detailed Ground Penetrating Radar Profiles Showing Coastline Depositional Rates, Washington. Association of American Geographers, 95th Annual Meeting, Honolulu, HI, March 23-27, Abstracts on CD-ROM.

Tessar, Matthew, undergraduate student, with **Harry Jol**, faculty, same department. "Low Cost Geodemographics: Lifestyle Cluster Groups." Geographic Information Systems/Land Information Systems Annual Conference. Cincinnati, OH, October 1997.

Thayer, Brian., undergraduate student, with **Harry Jol**, faculty, same department. "Detailed Ground Penetrating Radar Interpretations of Coastline Depositional Rates, WA." Association of American Geographers. Honolulu, HI, 23-27 March 1999.

Viavattine, Tony, and **Paul Haughton**, undergraduate students, with **Harry M. Jol**, faculty, and **Garry L. Running**, faculty, same department. "Ground Penetrating Radar Investigation of Potential Native American Burial Mounds." Association of American Geographers, 95th Annual Meeting, Honolulu, HI, 23-27 Mar. 1999. Abstracts on CD-ROM. Thirteenth National Conference

on Undergraduate Research. Rochester, NY, 8-10 Apr. 1999. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 173.

—, with **Harry M. Jol**, faculty, and **Garry L. Running**, faculty, same department. "A Ground Penetrating Radar Investigation of Potential Native American Burial Mounds at Fort McCoy, Wisconsin." Joint Meeting of the West Lakes Division of the Association of American Geographers (49th Annual Meeting) and Wisconsin Geographical Society (52nd Annual Meeting), Madison, Wisconsin, 29-31 October 1998. Programs and Abstracts, 18.

—, with **Harry M. Jol**, faculty, and **Garry L. Running**, faculty, same department. "A Ground Penetrating Radar Investigation the West Prairie Mound Group, Fort McCoy, Monroe County, Wisconsin." Association of American Geographers, 95th Annual Meeting. Honolulu, HI, 23-27 March 1999.

Geology

Dahl, Eric, undergraduate student, with **Karen G. Havholm**, faculty, and **J. Brian Mahoney**, faculty, same department. "Stratigraphy of the Upper Cambrian Lone Rock Formation, Western Wisconsin." *Geological Society of America Abstracts with Programs* 31.5 (1999): A-12. 1999 North-Central Geological Society of America Annual Meeting. Champaign-Urbana, IL. 22-23 Apr. 1999.

Danielson, Thomas J., undergraduate student, with **Brian Mahoney**, faculty, same department. "Geochemistry and Tectonic Setting of the Powell Creek Group, Southwestern British Columbia." SNORCLE Lithoprobe Transect Workshop and Cordilleran Workshop. Simon Fraser University, Vancouver, BC, Canada, March 5-8, 1998.

Delcore, Lee, and **Anthony Romanowski**, undergraduate students, with **John R. Tinker, Jr.**, faculty, same department. "A Groundwater Modeling Study for a Wellhead Protection Plan for the City of Augusta, Wisconsin." Wisconsin Section of the American Water Resources Association. American Water Resources Association, 1998. 27.

Fuller, Bradley J., undergraduate student, and **Kent M. Syverson**, faculty, same department. "Glacial Geology of the Pine Lake Region, Chippewa and Rusk Counties, Wisconsin." Wisconsin Academy of Sciences, Arts, and Letters, Program for Annual Meeting. (1997): 25.

Haskin, Michelle L., undergraduate student, with **Lori D. Snyder**, faculty, same department, and **R. G. Anderson**, Geological Survey of Canada. "Tertiary Endako Group Volcanic and Sedimentary Rocks at Four Sites in the Nechako River and Fort Fraser Map Areas, Central British Columbia." *Current Research 1998-A. Geological Survey of Canada*, 155-64. Pathways 1998. Vancouver, BC, Canada, January 27-30, 1998.

Kraft, Lisa L., undergraduate student, with **John R. Tinker, Jr.**, faculty, same department. "Minimizing Overlap of Septic Systems Plumes and Capture Zones of Private Water-Supply Wells in Unsewered Subdivisions." *Geological Society of America Abstracts with Programs* 30 (1998): A-276. 1998 National Meeting of the Geological Society of America. Toronto, Ontario, Canada. 26-29 Oct. 1998.

Mahoney, J. Brian, faculty, with **Michelle Haskin**, alum, **R.J. Enkin**, Geological Survey of Canada, **P.S. Mustard**, Simon Fraser University, and **C.J. Hickson**, Geological Survey of Canada. "Stratigraphic Affinity of Upper Cretaceous Volcanic Rocks in the Churn Creek-Gang Ranch Area, South-Central British Columbia." *Current Research 1999-A: Geological Survey of Canada* 99-1A (1999): 225-31.

—, with **Robert L. Hooper**, faculty, same department, and **Greg Michael**, alum. "Resolving Compositional Variations in Fine-Grained Clastic Sediments: A Comparison of Isotopic and Mineralogical Sediment Characteristics, Shikoku Basin, Philippine Sea." *Mudstones and Shales*. Ed. J. Scheiber, W. Zimmerle, and P. Sethi. Stuttgart, Germany: E. Schweizerbart Verlagsbuchhandlung, 1998. 177-94.

—, with **J.W. Riesterer** and **P.K. Link**, Idaho State University, **T.J. Danielson**, alum, and **C.J. Hickson**, Geological Survey of Canada. "Late Cretaceous Silverquick Conglomerate and Powell Creek Volcanics, Churn Creek: A Potential Link between Intermontaine and Insular Superterranes." *Geological Society of America Abstracts with Programs* 30.6 (1998): 355.

Miller, Lisa C., undergraduate student, and **Kent M. Syverson**, faculty, same department. "Database for pre-Late Wisconsin Till Units in Chippewa County, WI." Wisconsin Academy of Sciences, Arts, and Letters, program for annual meeting. (1997): 27.

Romanowski, Anthony, undergraduate student, with **John Tinker, Jr.**, faculty, same department. "A Groundwater Modeling Study for a Well Head Protection Plan for the City of Augusta, Wisconsin." American Water Resources Association – Wisconsin Section 22nd Annual Meeting, Green Lake, WI, March 1998.

Rowe, Carrie, and **Jean Morrison**, undergraduate students, with **J. Brian Mahoney**, faculty, and **Robert L. Hooper**, faculty, same department. "Speciation and Transport of the Heavy Metals in the Coeur d'Alene River Valley, Northern Idaho." 1999 National Council on Undergraduate Research meeting—Abstract. Washington, DC. April 1999.

Sellwood, Stephen, undergraduate student, with **Lori Snyder**, academic staff, same department. "Tertiary High-Level Plutonic Rocks, NW Nechako River Map Area." 1999 Annual Cordilleran Round Up. Vancouver, B.C. Canada, 26-29 January 1999.

Snyder, Lori D., academic staff, and **Stephen M. Sellwood**, undergraduate student, and **R.G. Anderson**, Geological Survey of Canada. "Geology of Two High-Level Granite Plutons, Northern Nechako River Map Area, Central British Columbia." *Current Research 1999-A Geological Survey of Canada* (1999): 149-56.

Spehle, Heather, and **Katie L. Thornburg**, undergraduate students, with **Kent M. Syverson**, faculty, and **Robert L. Hooper**, faculty, same department. "Surficial Glacial Geology of the Albertville Quadrangle, Chippewa County, West-Central Wisconsin." *Geological Society of America Abstracts with Programs* 31.5 (1999): A-73. *North-Central Geological Society of America Abstracts with Programs*. Champaign-Urbana, IL. 22-23 Apr. 1999. Summer Research Experiences for Undergraduates Grant.

Steffen, Amy Jo, undergraduate student, **Kent M. Syverson**, faculty, and **Robert L. Hooper**, faculty, same department. "Clay Mineralogy of Pre-Late Wisconsin Till Units, Western Wisconsin." Abstracts with Programs, Geological Society of America. Boulder, CO. Boulder, CO: Geological Society of America 30.2 (1998): 72.

Thornburg, Katie L., and **Amy Jo Steffen**, undergraduate students in Geography, with **Kent M. Syverson**, faculty, and **Robert L. Hooper**, faculty, same department. "Clay Mineralogy of Pre-Late Wisconsin Till Units, West-Central Wisconsin." *Geological Society of America Abstracts with Programs* 31.5 (1999): A-76. North-Central Geological Society of America Meeting. Champaign-Urbana, IL. 22-23 Apr. 1999.

Wenell, Beth, undergraduate student, with **Karen G. Havholm**, faculty, same department. "Determination of Possible Causes of Dune Activation and Stabilization." Symposium on Dune Research. Jockeys Ridge, NC, January 1998.

—, with **Karen G. Havholm**, faculty, same department, **Harry M. Jol**, faculty, Geography, **G. Richard Whittecar**, Old Dominion University, et al. "History of Back-Barrier Coastal Dunes, Northern North Carolina and Southeastern Virginia: A Progress Report." *Geological Society of America Abstracts with Programs* 30.7 (1998): A-138. 1998 Geological Society of America Annual Meeting. Toronto, Ontario, Canada. 25-29 Oct. 1998.

—, with **Karen G. Havholm**, faculty, and **Harry M. Jol**, faculty, same department. "History of Holocene Dune Activity, Coastal North Carolina and Virginia." 1998 Tri-State and University of Wisconsin System Geological Field Conference – Undergraduate Research Poster Session, University of Wisconsin-Eau Claire, 25 Sept. 1998.

—, undergraduate student, with **Karen G. Havholm**, faculty, same department, **Harry M. Jol**, faculty, same department, **G.R. Whittecar**, Old Dominion University, and **S.R. Riggs** and **D.V. Ames**, East Carolina University. "History of Active Back-Barrier Coastal Dunes, Northeastern North Carolina and Southeastern Virginia: A Progress Report." Geological Society of America, Annual Meeting, Toronto, 26-29 Oct. 1998. *Abstracts with Programs*, A-138.

Willkom, Mae, undergraduate student, and **John R. Tinker, Jr.**, faculty, same department. "Physical Groundwater Modeling of Proposed Crandon Mine Site in Forest County, Wisconsin." *Geological Society of America Abstracts*, 1997. A-331. National Meeting of the Wisconsin Section of American Water Resources Association. Green Lake, WI, March 1998. Wisconsin Section of *American Water Resources Association*, 1998.

History

Adams, Amanda, undergraduate student, with **Jane Pederson**, faculty, same department. "Incorrigible Females: Wisconsin Adolescents in Trouble, 1875-1900." Thirteenth National Conference on Undergraduate Research. Rochester, NY, 8-10 Apr. 1999. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 179.

O'Bryan, Tiffany E., undergraduate student, with **Steve Gosch**, faculty, same department. "Busbecq's Appointment to the Ottoman Empire." UW-System Symposium for Undergraduate Research. La Crosse, WI, May 24-26, 1999.

Stelter, Marty, undergraduate student, with **Jim Oberly**, faculty, **Mimi King**, faculty, and **Oscar Chamberlain**, faculty, same department. "Sesquicentennial History of the Wisconsin Constitution." Thirteenth National Conference on Undergraduate Research. Rochester, NY, 8-10 Apr. 1999. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 189.

Human Development Center

Heidi Borgschatz, and **R. Eder**, undergraduate students, with **William Frankenberger**, faculty, same department. "Effects of Information on Perceptions of Stimulant Medication Efficacy for Treatment of Attention-deficit Hyperactivity Disorder." *Psychology in the Schools*. 36.5 (1999): 515-22.

Kinesiology and Athletics

Bredle, Donald L., faculty, and **Peggy A. Peelman**, alumnus. "Are New Pulmonary Function Norms Needed for College Freshmen?" *Medicine and Science in Sport and Exercise*. Annual meeting of the American College of Sports Medicine, Orlando, FL. 3-6 June 1998. Hagerstown, MD: American College of Sports Medicine Program Committee, 30.5 (1998): S189.

Fahey, Sarah, undergraduate student, with **Donald Bredle**, faculty, same department. "Are New Pulmonary Function Norms Needed for College Freshmen?" American College of Sports Medicine National Meeting. Orlando, FL, June 3-6, 1998.

Management and Marketing

Christians, Lori, undergraduate student, with **Chuck Tomkovick**, faculty, same department. "Tapping into the Experience of Marketing Graduates to Help Update the Marketing Curriculum." Thirteenth National Conference on Undergraduate Research. Rochester, NY, 8-10 Apr. 1999. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 210.

Dobie, Kathryn E., **Kathryn Ready**, faculty, same department, and **Tom Werthman**, undergraduate student. "An Exercise in Organizational Learning for Business Students Via the Internet." *Emerging Issues in Business and Technology*. 1997 Conference Program. 14-16 Nov. 1998. Myrtle Beach, SC. Macomb, IL: Western Illinois U 1 (1998): 126-36.

Management Information Systems

Morrison, Joline, faculty, and **Vance Wilson**, faculty, same department, and **Angela Napier**, undergraduate student, Management and Marketing. "Perceived Effectiveness of Computer-Mediated Communications and Face-to-Face Communications in Student Development Teams." *Journal of Computer Information Systems* 38.2 (1997-98): 2-7.

Mathematics

Clay, Jeffrey J., undergraduate student, with **Andrew Balas**, faculty, same department. "Assessment of a Reform Calculus Course at the University of Wisconsin-Eau Claire." UW-System Symposium for Undergraduate Research. La Crosse, WI, May 24-26, 1999. International Conference on the Teaching of Mathematics. Samos, Greece, July, 3-6, 1998.

Hauschild, Holly M., undergraduate student, with **Michael Penkava**, faculty, same department. "Invariants of Poisson Algebraic Varieties." Thirteenth National Conference on Undergraduate Research. Rochester, NY, 8-10 Apr. 1999. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 213. UW-System Symposium for Undergraduate Research. La Crosse, WI, May 24-26, 1999.

Helleloid, Geir T., undergraduate student, UW-Madison, with **M. B. M. Elgindi**, faculty, and **R. W. Langer**, faculty, same department. "On the Computation of Viscosity-Shear Rate Temperature Master Curves for Polymeric Liquids." UW-System Symposium for Undergraduate Research. La Crosse, WI, May 24-26, 1999.

Malueg, Jill, and **Malinda Johnson**, undergraduate students, with **Shyam Chadha**, faculty, same department. "Linear Programming and Lagrange Method." MAA-La Crosse Conference. La Crosse, WI, 23-24 April 1999.

Shoemaker, Ted, undergraduate student, and **Walter M. Reid**, faculty, same department. "The Schwarzian Derivative and a Conformal Mapping." Presentation at Spring Meeting 1998 of the Wisconsin Section of the Mathematical Association of America, UW-Stevens Point, Stevens Point, WI. 25 April 1998.

Vinar, Jason T., undergraduate student, with **Gwendolyn Applebaugh**, faculty, same department. ">MGF + Maple V; A Dynamic Duo." Thirteenth National Conference on Undergraduate Research. 8-10 Apr. 1999, Rochester, NY. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 217.

Music and Theatre Arts

Aggerholm, Joel, undergraduate student, with **Terry Allen**, faculty, same department. "Theatre and the Holocaust." UW-System Symposium for Undergraduate Research. La Crosse, WI, May 24-26, 1999.

Tarnowski, Susan M., faculty, with **Michael Knutson**, **Erin Cleason**, and **Eric Songer**, alumni. "Building a Professional Portfolio." *Music Educators Journal* July (1998): 17-19, 38.

School of Nursing

Boyles, Patricia G., undergraduate student, with **Susan J. Johnson**, Associate Dean, same department. "Hocak H.O.P.E." Expanding the Circle: Enhancing Our Nursing Practice and Nursing Roles, NANAINA Summit in Montana. Polson, MT, October 18-November 20, 1998.

Nursing Systems

Patakos, Nicolleta, undergraduate student, with **Marjorie Oleson** and **Cathy Cooper**, same department. "Provider and Recipient Opinions of Nursing and Health Care in Greece." Thirteenth National Conference on Undergraduate Research. Rochester, NY, 8-10 Apr. 1999. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 234.

Philosophy and Religious Studies

Hauschild, Holly M., undergraduate student, Mathematics, with **Richard W. Behling**, faculty, Philosophy and Religious Studies. "Revision of Michael Siker's text *Handbook in Aristotelian Logic*." Spring 1997-98.

McDermott, Elizabeth, and **Andrew Swant**, undergraduate students, with **Caroline S. Picart**, faculty, same department. "Autoethnographic Perspectives," independent study. Presented paper at Florida State University's 24th Annual Conference on Film and Literature. Fall 1998.

Picart, Caroline S., faculty, with **Elizabeth McDermott** and **Andrew Swant**, undergraduate students. Hybrid Voices. Videotape. Eau Claire, WI: Studio One, Dec. 1998.

Woodward, Keith, graduate student, **Elizabeth McDermott**, **Andrew Swant**, and **Kelly Smith**, undergraduate students, with **Caroline S. Picart**, faculty, same department. "Frankensteinian Themes in Science Fiction." Presented papers at Florida State University's 24th Annual conference on Film and Literature. Fall 1998.

Physics and Astronomy

Godfrey, Jason, and **William Ruffing**, undergraduate students, with **Paul Thomas**, faculty, same department. "Web-based Interface for a Smoothed Particle Hydrodynamics Simulation." 12th National Conference on Undergraduate Research. 23-25 Apr. 1998. Salisbury, MD.

Kindt, Anna, undergraduate student, with **Paul Thomas**, faculty, same department. "Impact Simulations of Layered Asteroids Using SPH." 12th National Conference on Undergraduate Research 23-25 Apr. 1998. Salisbury, MD.

Likkel, Lauren, faculty, with Kindt, Anna_ **Anna Kindt**, undergraduate student. "Near-Infrared Spectroscopic Observations of H₂ Emission in Planetary Nebulae." *Bulletin of the American Astronomical Society* 193.30 (1998): 15.03.

Nimmer, Jessie, Jodie Engh, Keetra Plegge, and Randy Recob, undergraduate students, with, **Kim W. Pierson**, faculty, same department. "Localized Corrosion on Copper Thin Films Deposited on Glass." UW-System Symposium for Undergraduate Research. La Crosse, WI, May 24-26, 1999.

Nimmer, Jessie, undergraduate student, with, **Donald Ballegeer**, faculty, same department. "Computer Interface to Laser Mirror Alignment Meters." Annual Meeting of Wisconsin Section of American Association of Physics Teachers. Milwaukee, WI, 30-31 October 1998.

Vogel, Matthew, Nathan C. Harris, Patrick J. Gustafson, and Greg. C. Falkenberg, undergraduate students, with **Kim Pierson**, faculty, same department. "Low Temperature Sputtering Yield of Ag-Cu Alloys for 200 eV Ar⁺." Undergraduate Conference at Argonne National Lab, IL, November 6-7, 1997. 12th National Conference on Undergraduate Research 23-25 Apr. 1998. Salisbury, MD.

York, Jaimme R., undergraduate student, with **Scott B. Whitfield**, faculty, same department. "Non-dipole Effects in the Photoionization of the Xe n = 4 and n = 5 Subshells." Annual Meeting of the Division of Atomic, Molecular and Optical Physics. Santa Fe, NM, May 27-30, 1998.

Political Science

Kasper, Eric, and **Eric McBride**, undergraduate students, with **Rodd Freitag**, faculty, same department. "Assessing Eau Claire's Social Capital." Thirteenth National Conference on Undergraduate Research. 8-10 Apr. 1999, Rochester, NY. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 173.

Psychology

Boughton, Hannah, Paul Thomas, Jodi Turi and Jessica Viergutz, undergraduate students, with **Allen Keniston**, faculty, same department. "Experiential, Collaborative Learning in an Applied Setting." Mactop. Evansville, IN, October 15-17, 1998.

Brooks, Margaret E., and **Daniel J. Squires**, undergraduate students, with **Blaine Peden**, faculty, same department. "Graduate School Searching for Dummies: A Mathematical Model." 1999 Midwestern Psychological Association (MPA) Conference. Chicago, IL, April 29-May1, 1999.

Dahl, Molly, and **Shelby Haschker**, undergraduate students, with **Blaine Peden**, faculty, and **Allen Keniston**, faculty, same department. "To See Our Poster As Others See It." 12th National Conference on Undergraduate Research 23-25 Apr. 1998. Salisbury, MD.

Ferber, Carrie, and **Anna Schrader**, undergraduate students, with **Allen Keniston**, faculty, same department. "Multi-racial Student Needs Assessment." 1999 Midwestern Psychological Association (MPA) Conference. Chicago, IL, April 29-May 1, 1999.

Kastern, Lana, **Travis Olson**, **Ryan Howard**, **Matt Sorenson**, and **Tony Radowski**, undergraduate students, with **P.J. Kennedy**, academic staff, Counseling Services. "Incidence Rate of Seasonal Affective Disorder and Academic Success Correlates." Wisconsin Association of Practicing Counselors in Higher Education. Green Lake, WI, 22-23 April 1999.

Lockner, Laura, undergraduate student, with **Blaine Peden** faculty, same department. "Carpal Tunnel Syndrome: Are Video Gamers at Risk?" Faculty Student Research Collaboration Grant. Thirteenth National Conference on Undergraduate Research. Rochester, NY, 8-10 Apr. 1999. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 271.

Ritter, Scott, **Cheri Ness**, and **Nicole Sitzler**, undergraduate students, with **Blaine Peden**, faculty, same department. "Does a Course in Ethics Make a Difference in the Self-Rated and Actual Knowledge Among Undergraduates?" Thirteenth National Conference on Undergraduate Research. Rochester, NY, 8-10 Apr. 1999. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 279.

Schmiege, Sarah J., and **Brian Dwyer**, undergraduate students, with **Allen Keniston**, faculty, same department. "The Effects Depression and Frustration Have on Habitual Smokers' Intentions and Urges to Smoke." 1999 Midwestern Psychological Association (MPA) Conference. Chicago, IL, April 29-May 1, 1999.

Stulen, Rachel, undergraduate student, with **Blaine Peden**, faculty, same department. "Consumer Preference for Product Descriptions." 1999 Midwestern Psychological Association (MPA) Conference. Chicago, IL, April 29-May 1, 1999.

Thomas, Paul, undergraduate student, with **Allen Keniston**, faculty, same department. "Experiential Collaborative Learning in an Applied Setting." Mactop. Evansville, IN, 15-17 October 1998.

Vandeloo, M., and **A. Schrader**, undergraduate students, with **Allen Keniston**, faculty, same department. "Stress and Coping Strategies." 1999 Midwestern Psychological Association (MPA) Conference. Chicago, IL, April 29-May 1, 1999.

Viergutz, Jessica L., undergraduate student, with **Blaine Peden**, faculty, same department. "A Look into Parent-Child Attachment Types and Love Styles." 1999 Midwestern Psychological Association (MPA) Conference. Chicago, IL, April 29-May 1, 1999.

Social Work

Olson, Leah J., and **Victoria J. Adkins**, undergraduate students, with **Donald Mowry**, faculty, and **Richard Ryberg**, faculty, same department. "A Comparison of Two Community-Based Mental Health Treatments." Thirteenth National Conference on Undergraduate Research. Rochester, NY, 8-10 Apr. 1999. *Abstract Book*. Rochester, NY: U of Rochester, 1999. 294.

Stoelting, Jason, undergraduate student, with **Leonard Gibbs**, faculty, same department, **Terry Allen**, faculty, Music and Theatre Arts, and **Joan Stehle Werner**, faculty, Adult Health Nursing. "A Measure of Critical Thinking about Practice: Courtroom Interactive Testimony Thinking Test," independent study. Produced a CD-ROM and interactive program for use in instruction or as a measure. Fall 1998, Spring 1999.

Sociology and Anthropology

Ullstrup, Kristin M., undergraduate student, with **J. Kenneth Davidson**, faculty, same department. Fall and Spring 1997. "Religiosity, Women's Sexuality, and Guilt: Sexual Pleasure Revisited." Paper presented in poster session at the 1998 National Council on Family Relations Meeting.

Special Education

Williams, Kara, undergraduate student, with **Greg Conderman**, faculty, same department. "Secondary Special Educator's Roles and Realities." Council for Exceptional Children Conference. Charlotte, NC, 14-17 April 1999.

Women's Studies

Thou, Khou, undergraduate student, with **Katherine Ann Rhoades**, faculty, same department. "Women's Progress: Perspectives on the Past, Blueprint for the Future, the Fifth Women's Policy Research Conference. Washington D.C., June 12-13, 1998.