

Timothy F. Englund
Professor, Department of Mathematics
Central Washington University

Education:

Ph.D. Michigan State University, Mathematics.

B.S. Grand Valley State University, Mathematics.

Administrative Appointments:

Dean: College of the Sciences, Central Washington University, 2015 - 2024

Chief Executive Officer of CWU's largest college comprised of thirteen academic departments and multiple interdisciplinary programs. Provided leadership in academic program planning, budget development, curriculum development and delivery, faculty/staff development, planning and development for facilities and equipment, departmental operations and responsiveness to students. Also created and lead fundraising priorities to position the College to respond to the challenges and opportunities facing higher education.

Key Accomplishments:

- Expanded student research grant programs
- Worked with state legislature and external stakeholders to create a 2+2 computer science program housed entirely at the most diverse community college in the region.
- Promoted science outreach program reaching more than 10,000 children and adults annually
- Instituted college-wide peer evaluation of teaching criteria
- Navigated college into, and then out of, Responsibility Centered Management/Activity Based Budgeting models
- Broke fundraising records for the college three times
- Represented administration in Collective Bargaining Agreement negotiations for 2022-2024, 2024-2027
- Opened two-and-a-half new state-funded buildings for the college

Interim Dean: College of Arts & Humanities, Central Washington University, 2022

Associate Dean: College of the Sciences, Central Washington University, 2014 - 2015

Serving in a support role to the dean in implementation of academic program and curriculum. Principal areas of responsibility: strategic planning, curriculum and schedule review, coordination of assessment oversight of summer session, and student-related issues.

Chair: Department of Mathematics, Central Washington University, 2011 - 2014

Administrative and fiscal responsibility for this highly successful department with eighteen tenured and tenure-track faculty and up to thirteen non-tenure-track faculty. Primary duties included: maintaining the well-being of the department as a whole, establishing a collegial environment, hiring and evaluation of faculty, long-range programmatic planning, program quality monitoring, merit ranking of faculty, mentoring new faculty, monitoring faculty performance, responding to student concerns and office management.

Faculty Coordinator: Ronald E. McNair Scholars Program, Central Washington University, 2008 - 2011
Developed and insured delivery of services for undergraduate students from disadvantaged backgrounds who have expressed interest in graduate, particularly doctoral, education. Primary duties included: preparatory core curriculum as well as developing and implementing the research and enrichment experiences of program participants while providing academic, career, and professional development advisement. Key abilities included an awareness and understanding of the special needs of minority, low-income and first-generation students and students with disabilities and the obstacles encountered throughout college. Additionally, knowledge of the requirements and expectations for students who plan to pursue graduate education, post-secondary education and the role of various departments within this sector, matriculation strategies, basic research methodology, including research statistics, publishing manuscripts, and OSHA guidelines, were required.

Academic Appointments:

Professor: Department of Mathematics, Central Washington University, Fall 2009 - Present

Associate Professor: Department of Mathematics, Central Washington University, Fall 2004 - Spring 2009

Assistant Professor: Department of Mathematics, Central Washington University, Fall 1998 - Spring 2004

Instructor: Department of Mathematics, Michigan State University, Fall 1996 - Spring 1998

Graduate Teaching Assistant: Department of Mathematics, Michigan State University, Fall 1989 - Spring 1995

Invited Panels:

Women and Leadership: Creating Conditions for Sustainable Change. *Academic Chairpersons Conference.* February, 2020

Peer Reviewed Journal Articles & Monographs:

- Tyrrell, J., Ogan, D., Englund, T., Stendell-Hollis, N. Effectiveness of Nutrition Education and Fitness Tracking in a Large Healthcare Wellness Program. *Journal of Student Research.* Volume 12, Issue 1, 2023
<https://doi.org/10.47611/jsr.v12i1.1822>
- Dorji, K., Sheeran, L., Giri, R., Barlow, K., Dorji, N., Englund, T. Preliminary Report on Golden Langur (*Trachypithecus geei*) Winter Sleep Sites. *Humans* **2021**, 1, 29-43
<https://doi.org/10.3390/humans1020005>
- Brzozowski H., Ogan D., Englund T., Stendell-Hollis N. School Breakfast Programs With Implementation of Farm to School Have No Influence on Body Weight Among 3rd and 4th Grade Students. *Journal of Child Nutrition and Management.* Volume 41, Issue2, Fall 2017
<https://schoolnutrition.org/NewsPublications/JCNM/2017/Fall/>
- Smith K., Bergman E., Englund T., Ogan D., Barbee M. School Lunch Quality Following Healthy, Hunger-Free Kids Act Implementation. *Journal of Child Nutrition and Management.* Volume 40, Issue 1, Spring 2016
<https://schoolnutrition.org/NewsPublications/JCNM/2016/Spring/>
- Bergman E., Englund T., Ogan D., Watkins T., Barbee M., Rushing K. Beverage Selections and Impact on Healthy Eating Index Scores in Elementary Children?s Lunches From School and From Home. *Journal of Child Nutrition and Management.* Volume 40, Issue 1, Spring 2016
<https://schoolnutrition.org/NewsPublications/JCNM/2016/Spring/>
- Bergman E., Englund T., Taylor K., Watkins T., Schepman S., Rushing K. School Lunch Before and After Implementation of the Healthy Hunger-Free Kids Act. *Journal of Child Nutrition and Management.* Volume 38, Issue 2, Fall 2014
<https://schoolnutrition.org/jcnm/fall2014/>

- Bergman E., Saade, C., Shaw, E., Englund T., Cashman L. Taylor, K., Watkins T., Rushing, K. Lunches Selected and Consumed from the National School Lunch Program in Schools Designated as HealthierUS School Challenge Schools Are More Nutritious than Lunches Brought from Home. *Journal of Child Nutrition and Management*. Volume 38, Issue 2, Fall 2014
<https://schoolnutrition.org/jcnm/fall2014/>
- Bergman, E., Englund, T., and Cashman, L. Financial Status of the Students' Family and School Meals Offered or Taken by Public School Students. *School Nutrition Services Dietetic Practice Group Newsletter, Nutrition Link*. Summer 2011, 36(3): 8-12.
http://snsdpg.s3.amazonaws.com/cms/documents/2e95c35a65d26e6a/2011_summer_nutrition_link.pdf
- Cashman, L., Tripurana, M., Englund, T., Bergman, E. Food Group Preferences of Elementary School Children Participating in the National School Lunch Program. *Journal of Child Nutrition and Management*. Volume 34, Issue 1, Spring 2010.
<http://www.schoolnutrition.org/Content.aspx?id=14035>
- Englund T., Charbonneau, J., Buchan A., Wagner S. (2005) Project Croak! Because any kid can catch a frog. . . . *Monograph of CWU PT3 Projects – Includes CD/DVD*.
- Wagner, S., Englund, T., et al. (2005) Project Croak! - Technology and curriculum integration through field-based studies of amphibians. *Society for Information Technology & Teachers Annual Meeting 2005 Proceedings*, pp. 2867 - 2874.
- Bergman, E., Buergel, N., Englund, T., Femrite, A. (2004) The Relationship of Meal and Recess Schedules to Plate Waste in Elementary Schools. *The Journal of Child Nutrition and Management*, Issue 2, Fall 2004.
<http://docs.schoolnutrition.org/newsroom/jcnm/04fall/bergman/bergman1.asp>
- Bergman, E., Buergel, N., Englund, T., Femrite, A. (2004) The Relationship Between the Length of the Lunch Period and Nutrient Consumption in the Elementary School Lunch Setting *The Journal of Child Nutrition and Management*, Issue 2, Fall 2004.
<http://docs.schoolnutrition.org/newsroom/jcnm/04fall/bergman/bergman2.asp>
- Bergman E., Buergel N., Femrite A., Englund T. (2004) Relationships of Meal and Recess Schedules to Plate Waste in Elementary Schools. *NFSMI Insight* (an online informational newsletter).
<http://nfsmi-web01.nfsmi.olemiss.edu/documentLibraryFiles/PDF/%5C20080313041149.pdf>
- Englund T. Quadratic Representations For Groups of Lie Type Over Fields of Characteristic Two. *Journal of Algebra* 268 (2003), pp. 118 - 155.
- Englund, Clifford, Morford, Dersch, Russell. (1998) Fundamentals of Mathematics, an online Intermediate Algebra course.

Abstracts, Presentations, & Posters:

- Dorji, K., Barlow, K., Englund, T., Lipton, J., Sheeran, L. (2021) Golden Langur (*Trachypithecus geei*) Sleep Sites in Central Bhutan. *Animal Behavior Virtual Conference, Bloomington, IN*.
- Tyrell, J., Ogan, D., Englund, T., Stendell-Hollis, N. (2021) Effectiveness of Nutrition Education and Fitness Tracking in a Large Healthcare Corporate Wellness Program. *Oregon & Washington State Academy of Nutrition and Dietetics Virtual Conference*.
- Hugo, H., Ogan, D., Englund, T., Hodges, M. (2021) A Pilot Study: Observations of Patients Participating in Heat Failure Shared Medical Appointments Receiving Nutrition Education. *Oregon & Washington State Academy of Nutrition and Dietetics Virtual Conference*.

- Bergman, E., Englund, T., Krishnan, D., Gururajan, R., Brzozowski, H., Gerrish, H. (2018) Comparison of BMI for Age and Height for Age and Lunch Meals in Two Indian Schools. *Food & Nutrition Conference & Expo. Washington D.C.*
- Englund, T., Bergman, E., Krishnan, D., Gururajan, R., Brzozowski, H., Gerrish, H. (2016) Comparison of Lunch Meals in Two Schools in Chennai, India. *International Congress on Dietetic, Granada, Spain.*
- Bergman, E., Englund, T., Krishnan, D., Gururajan, R., Brzozowski, H., Gerrish, H. (2016) Nutrient Analysis of School Lunches Consumed in the US and India. *International Congress on Dietetic, Granada, Spain.*
- Bergman E., Cashman L., Englund T., Watkins T., et al. Healthier U.S. Schools Challenge Lunches Are More Nutritious Than Lunches Brought from Home. *Journal of the Academy of Nutrition and Dietetics Vol. 113, Issue 9, Supplement, Page A61.*
- Barbee M., Bergman E., Englund T., Watkins T., et al. (2014) Demographic Differences Affect Beverage Selection, and Presence, in Student Lunches. *School Nutrition Research and Best Practices Showcase, Boston, MA.*
- Watkins T., Bergman E., Englund T., Barbee M., et al. (2014) Nutritional Contribution of Snacks and Sweets to Elementary School Lunches. *School Nutrition Research and Best Practices Showcase, Boston, MA.*
- Bergman E., Cashman L., Englund T., Watkins T., et al. (2014) The Effects of the Healthy Hunger-Free Kids Act on School Lunch. *Food & Nutrition Conference & Expo. Atlanta, GA.*
- Bergman, E., Cashman, L., Englund, T., Watkins, et al. (2013) Healthier US Schools Challenge Lunches are More Nutritious Than Lunches Brought From Home. *Food & Nutrition Conference & Expo. Houston, TX.*
- Watkins, T., Bergman, E., and Englund, T., et al. (2013) Nutrient Content of Lunches Brought From Home Differ by Gender for Higher Income Elementary Students *School Nutrition Association, Kansas City, MO.*
- Bergman, E., Cashman, L., and Englund, T. (2011) The Ability of Menu Planning Approaches and Credentialing of Menu Planners to Meet SMI Nutrient Guidelines for National School Lunches and Breakfasts. *School Nutrition Association. Nashville, TN.*
- Bergman, E., Cashman, L., and Englund, T. (2011) Food Insecurity in US School Children: An Analysis of SNDA III Data. *American Dietetic Association Food and Nutrition Conference and Exhibition. San Diego, CA.*
- Englund, T., Manwaring, B., Cashman, L., Bergman, E., Gilmore, A., Tibay, J. (2010) Students From Larger Schools Are Served & Take Breakfasts With More Calories And A Larger Percentage of Calories From Saturated Fat. *Society for Nutrition Education, Reno, NV.*
- Cashman, L., Gilmore, A., Bergman, E., Englund, T., Manwaring, B., Tibay, J., and Oakley, C. (2010) Students from Schools with Higher Rates of Free and Reduced Meals Take Breakfasts with Fewer Calories. *National Nutrient Data Base Conference. Grand Forks, ND.*
- Bergman, E., Cashman, L., Tibay, J., and Englund, T. (2010) SNDA III Study Results Indicate Improvements Needed in School Meals. *School Nutrition Association Conference. Dallas, TX.*
- L. Cashman, E. Bergman, T. Englund, C. Oakley. (2009) Comparison of SNDA III Data Analyzed Using Two Different Standards. *J. Am. Diet Assoc. 109(9): A-68.*
- L. Cashman, E. Bergman, T. Englund, A. Elkins**, J. Tibay**, M. Aragon*, C. Oakley. (2009) Schools Meeting School Breakfast Calorie Standards Tend to be Larger and Have Lower Community Poverty Rates than Schools That Do Not Meet Calorie Standards. *33rd National Nutrient Databank Conference, New Orleans, Louisiana.* *Undergraduate Student - Food Science & Nutrition. **Graduate Student - Food Science & Nutrition.

- E. Bergman, L. Cashman, T. Englund, M. Romo*, M. Aragon*. (2008) Mexican-Influenced School Lunch Meals Result In Increased Plate Waste and Decreased Caloric Consumption When Compared To Non-Mexican Meals. *The 2008 Food & Nutrition Conference & Expo in Chicago, Illinois*. *Undergraduate Student - Food Science & Nutrition.
- E. Bergman, L. Cashman, T. Englund, K. McCorquodale*, M. Romo*. (2008) Mexican-Influenced School Lunch Meals Result In Increased Plate Waste and Decreased Caloric Consumption When Compared To Non-Mexican Influenced Meals. *J Am Diet Assoc.* 2008; 108(9): A-74. *Undergraduate - Food Science & Nutrition.
- E.A. Bergman, L. Cashman, T. Englund, T. Halverson*, S. Herrington*, E. Kelley*. (2007) Mexican-Influenced School Lunch Entrees Result In Increased Plate Waste and Decreased Caloric Consumption When Compared To Non-Mexican Entrees. *The 2007 Food & Nutrition Conference & Expo in Philadelphia, Pennsylvania*. *J Am Diet Assoc.* 2007; 107(8): A75. *Undergraduate - Food Science & Nutrition.
- S. Belmont*, J. Johnson, T. Englund, R. S. Wagner (2007) Teasing apart death and pestilence: demography and infection of *Batrachochytrium dendrobatidis* in a natural population of Pacific Treefrogs. *Society for Northwest Vertebrate Biology, Victoria, Canada*. *Undergraduate - Biological Sciences
- Englund T., Wagner, S. (2007) Balancing Selection and The Evolution of Color Variation in Pacific Treefrogs (*Hyla regilla*) - An Interactive Lively Activity Project (ILAP). *The AMS/MAA Joint Mathematical Meetings in New Orleans, Louisiana*.
- M. Tripurana**, E. Bergman, N. Buerger, T. Englund (2006) Food Preferences Of Elementary School Children Participating In The National School Lunch Program. *The American Dietetics Association Food and Nutrition Conference and Exhibition in Honolulu, Hawaii*. *J Am Diet Assoc:* 2006: 106(8): A86. **Graduate Student - Family & Consumer Sciences.
- Charbonneau, J.*, T. Englund, R.S. Wagner (2006) Project CROAK! Community based research. Oral Presentation. *CWU Symposium on University Research and Creative Expression, Ellensburg, Washington*. *Graduate Student-Education. First Place Presentation Award.
- Bergman, EA, Buerger NS, Englund, T. (2005) Elementary School Students eat more at 12:30 pm than at 11:30 pm in a School Lunch Setting. *The 2005 Food and Nutrition Conference and Exhibition in St. Louis, Missouri*. *J Am Diet Assoc.* 2005; 105(8): A50.
- Buchan*, A., Charbonneau**, J., Johnson, K., Englund, T., Sun, L., Wagner, S. (2005) Project CROAK!: Balancing Selection For Color Change In *Hyla Regilla* "It Ain't Easy Bein' Green". *Society for Northwestern Vertebrate Biology, Corvallis, Oregon*. *Graduate Student - Biological Science, **Graduate Student - Education
- DePaepe, et al. (2005) Preparing Tomorrow's Teachers To Use Technology. Poster presentation. *Association for the Advancement of Computing in Education. Phoenix, Arizona*.
- Wagner S., Englund T. (2005) Project CROAK! Oral Presentation. *Association for the Advancement of Computing in Education. Phoenix, Arizona*.
- Mullen, L*, P. Bryan, A. Buchan**, T. Englund and R.S. Wagner. (2004) Comparison of temperature effects on oxygen respiration in temperature sensitive amphibians: implications for conservation management. Poster Presentation. *Northwestern Science Association, Ellensburg, Washington*. *Undergraduate student - Biological Sciences, *Graduate student - Biological Sciences
- J. Charbonneau*, K. Johnson, T. Anderson, A. Buchan**, T. Englund, G. Aggett, and S. Wagner. (2004) Project CROAK!: Population dynamics of amphibians in Zillah, WA. *Northwestern Science Association, Ellensburg, Washington*. *Graduate student-Education, **Graduate student - Biological Sciences
- Mullen, L*, P. Bryan, A. Buchan**, T. Englund and R.S. Wagner. (2004) Oxygen respiration in mountain stream adapted amphibians and evolution of lunglessness. Oral Presentation. *XIX International Zoological Conference, Beijing, China*. *Undergraduate student - Biological Sciences, *Graduate student - Biological Sciences

- Bergman, E., Buerger, N., Englund, T. (2004) Elementary students eat more and waste less when recess is before lunch. *J Am Diet Assoc.* 2004; 104(9): A55.
- Englund T., (1997) Quadratic Fours-Groups, *Conference On Finite Groups To Honor Daniel Gorenstein*, Queens College of CUNY, Flushing, New York.
- Englund T., (1995) Quadratic Fours-Groups For Groups of Lie Type In Characteristic Two, *Nord-deutsches Gruppentheorie-Kolloquium*, Halle, Germany.

Research Grants:

- (2011) Healthier US School Challenge Plate Waste Study. Funded for \$109,534 by the National Food Service Management Institute from September 2011 through December 2012. Co-PI.
- (2009) Continued Secondary Analysis of The School Nutrition Dietary Assessment (SNDA) Study - III. Funded for \$51,660 by the National Food Service Management Institute from September 2009 through December 2010. Co-PI.
- (2008) Secondary Analysis of The School Nutrition Dietary Assessment (SNDA) Study - III. Funded for \$45,750 by the National Food Service Management Institute from June 2008 through September 2009. Co-PI.
- (2004) Interdisciplinary Lively Application Projects (ILAP's). Co-principal investigator. Funded for \$74,967 by the National Science Foundation from December 2003 through November 2007. Co-PI.
- (2003) Preparing Tomorrow's Teachers to use Technology (PT3). University Faculty Mentor/Researcher for Project CROAK. Funded for \$1,100,000 by the U.S. Department of Education PT³ Initiative. My portion's funding ran from Spring 2003 through Spring 2004. Co-PI.
- (2002) Relationship of Mean Recess Schedules to Plate Waste in Elementary Schools. Co-participant and statistical consultant. Funded for \$30,000 by The National Food Service Management Institute. Study from September 2002 to June 2003. Co-PI.
- (1995) Deutscher Akademischer Austausch Dienst (DAAD) Annual Research Grant: 1995 - 1996. Provided for a nine month research visit to Christian-Albrechts-Universität in Kiel, Germany.

Recent Relevant External Administrative Training:

Diversity Training: *Infinity Martinez Consulting.* Fall, 2020

Development for Deans and Academic Leaders. *Council for Advancement and Support of Education.* February, 2016

Academic Leadership Academy Conference 2014. *The Center for the Study of Higher Education at Penn State.* June, 2014

Community Presentations:

- CWU College of The Sciences Faculty Development (Ellensburg, WA) "Project CROAK! Integration of Science and Teaching." 2005. With Dr. Steve Wagner.
- CWU Food Science and Nutrition Seminar (Ellensburg, WA) "Nutritional Aspects of Ultra-marathon Running: Some Personal Experiences." 2003. With Dr. David Lygre.

Other Publications:

- Englund T, Lygre D. (2005) Ultrarunner Demographics. *Ultrarunning Magazine* April 2005, pp. 38 - 39.
- Englund T. (2007) The Plain 100(ish) Unleashed. *Ultrarunning Magazine* November 2007, pp. 23 - 24, 27.