K-State MPH Faculty Advisory Council Meeting
Location: Mosier Hall Room N202 – June 12, 2017 at 10:30 AM
Minutes

Ct	Committee Member	Emphasis	In Attendance
1	Ellyn Mulcahy	MPH Director	X
	Stevenson, Barta	MPH Staff	Non Voting
	Open	MPH Student	
2	Hsu, Wei Wen	Core Instructor	Mulcahy Proxy
3	Larson, Robert	Core Instructor	
4	Sanderson, Michael	Core Instructor	X
5	Gragg, Sara	FSB	
6	Kastner, Justin	FSB	X
7	Nutsch, Abbey	FSB	X
8	Cernicchiaro, Natalia	IDZ	Sanderson Proxy
9	Nguyen, Annelise	Core Instructor + IDZ	X
10	Renter, David	IDZ	
11	Hanson, Jennifer	Core Instructor + PHN	Sara Rosenkranz Proxy
12	Rosenkranz, Ric	PHN	X
13	Rosenkranz, Sara	PHN	X
14	Irwin, Brandon	PHPA	
15	Mailey, Emily	PHPA	McElroy Proxy
16	McElroy, Mary	Core Instructor + PHPA	X

Dr. Mulcahy called the meeting to order at 10:30 AM. There was a quorum present.

1. **Approval of Minutes.** Minutes from the March 13, 2017 meeting were approved and will be posted as distributed.

2. **Items of Business.** The following items of business were reviewed and discussed.

   ○ Student Update**:**

Emphasis Area	# of Continuing Students	# Started AY 2017*	# Admitted for AY 2018	# Marked Inactive**	# Spring Graduates	Anticipated Summer Graduates
Certificate Only	20	12		1	N/A	
Food Safety	7	2		1	2	
Infectious Diseases	43	14	4	11	6	2
Public Health Nutrition	14	5	3	1	6	
Public Health Physical Activity	12	8	1	1	0	1
Total	96	41	8	15	14	3

*Six students started Summer 2017.
**Reasons for being marked as inactive: K-State e-mail turned off and no other contact information, no response to repeated e-mails and phone calls, e-mailed MPH office saying they were going in a different direction, or not enrolled in any classes for the last 2 to 4 years.

- Applications for Fall 2017 are on par with previous years. Dr. McElroy noticed a drop in students for MPH 818 this spring, but that is not reflected in the number of students admitted.

- Faculty applications below were reviewed, voted on, and approved as MPH Graduate Faculty.
  --Dr. Jessica L. Heier Stamm, Assistant Professor, Industrial and Manufacturing Systems Engineering (Attachment 1) and
  --Valentinetta Trinetta, Assistant Professor in Animal Sciences and Industry (Attachment 2).

- As a matter of information, Spring 2017 MPH graduates are listed in Attachment 3.

3. Program expectations for Field Experience.

   - Timing of Field Experience. The paragraph below was discussed and suggested changes made.

     The field experience is an application of knowledge the student has gained in their MPH courses. Students should have completed all of the core courses (15 hours or at least 4 courses/12 hours) and half of the emphasis area courses (at least 12 hours) before the field experience will be approved.

     Generally the field experience is completed the last semester/or next to the last semester of the degree. The location must be in a setting other than academia and focus on population health. The preceptor needs to have an MPH or significant public health experience.

     Exceptions to this policy must be for a compelling reason. Exceptions will be considered on a case-by-case basis in consultation with the student's major professor and committee members.

     Before students are allowed to enroll in MPH 840 – MPH Field Experience for credit, they must have completed the following:

     1. Attendance at the Field Experience Orientation meeting.
     2. A Program of Study signed by their committee and on file in the MPH Program Office.
     3. The Field Experience Form filled out and signed by the agency preceptor and the graduate committee (here is the link: http://www.k-state.edu/mphealth/field-experience/forms/)

   - How to improve student writing skills was discussed. The following campus resources were discussed. The challenge is to identify students that need help with writing early so that the resources can be used.

     Campus resources to help students with writing skills:
     --Writing lab
     --Hale library librarian help with literature review.
     --Footnote and Endnote software

--The instructor for ENGL 758 – Science Communications (Attachment 4), contacted the MPH office to suggest the course as an option for MPH students to take. One section offered online in the fall, spring, and summer. After discussion, it was decided that Dr. Mulcahy contact the instructor and see if they would offer additional slots for MPH students, or if MPH students would be competing for the existing slots.

Note: Students receive a letter grade for MPH 840 for 6 hours. MPH students can graduate with a "C" on their transcript as long as total graduate GPA is 3.0. The field experience report is not required by the Graduate School. The MPH Office keeps a copy of all reports and PowerPoint slides and uploads them to K-REx. CEPH reviews reports.

4. The following issues were discussed because they had come up recently in helping students graduate in a timely manner:

   Emphasis area required courses. Can they be waived by major professor/committee?

   After a lengthy discussion about a conflict in scheduling MPH core courses and emphasis area primary courses it was determined that:

   - The students can take the environmental health online course offered in the Fall by the University of Kansas. This would require some paperwork to enroll. The cost of this course is likely lower than our online courses. The MPH Program office can help facilitate the enrollment.

   - MPH 802 - Environmental Health will originate on the Olathe campus and be Zoomed into a classroom on the Manhattan campus. There will be an instructor at both locations and students will be able to interact with one another. Each session will be videotaped and may be available online for students who cannot attend the whole class. The committee stressed that is necessary to get permission from our instructor to do this.

   - The group also discussed the possibility of the students taking both courses on Thursday that overlap about 30 minutes. We recognized this would be a lot to take in one day and the overlapped time might be confusing. This possibility is up to the students and instructors to work out.

   - The group recognized the challenges in scheduling of courses particularly when multiple departments are involved but also concurred that all students must complete both MPH core requirements and specialization core requirements. Otherwise, we are sending a mixed message regarding the importance of primary courses.

   - It is up to the emphasis area and the major professors to work with their students and decide the best course of action.

5. As a matter of information, the emphasis areas available at Olathe Campus.

   --Food Safety/Biosecurity and Infectious Diseases/Zoonoses
   --Limited course offerings and marketed to working professionals in the Kansas City Metro area (Veterinarians and those working in industries related to biosciences and biotechnology).

--These students will be advised as other MPH students, will take all of or the majority of their course work in Olathe and via Global Campus.
--Working on communications, recruitment with K-State Olathe.

6. **Next Meeting:** Second Monday in September (9-11-2017). Schedule of meetings for Fall semester is below:

Faculty Advisory Meeting Dates & Times for Fall 2017

Time	Date	Location
10:30 AM	Monday, September 11, 2017	103 Trotter, Admissions Conference Room
10:30 AM	Monday, October 16, 2017	204 -- K-State Union
10:30 AM	Monday, November 13, 2017	103 Trotter, Admissions Conference Room
10:30 AM	Monday, December 11, 2017	204 -- K-State Union
10:30 AM	Thursday, January 18, 2018	103 Trotter, Admissions Conference Room

Note: 3rd Monday, due to KPHA being in Manhattan on the 2nd Monday

7. **Adjourn** at 11:45 AM.

APPLICATION
MASTER OF PUBLIC HEALTH (MPH) PROGRAM FACULTY
KANSAS STATE UNIVERSITY

Please complete this form and send it along with an accompanying brief (2-3 page) Curriculum Vitae to: Dr. Ellyn Mulcahy, Director, Master of Public Health Program, 311 Trotter Hall.

PERSONAL INFORMATION

Name of Applicant:	Jessica L. Heier Stamm, PhD		
Title and Department:	Assistant Professor, Industrial & Manufacturing Systems Engineering		
Office Address:	2076 Rathbone Hall		
Office Phone:	785-532-3726	Email:	jlhs@k-state.edu

PROFESSIONAL RESPONSIBILITIES

Graduate Faculty Status: ☑ Yes ☐ No

Graduate Courses Taught (limit 285 characters)

IMSE 560: Introduction to Operations Research I
IMSE 660: Operations Research II
IMSE 751: Normative Theory of Decisions & Games
IMSE 810: Industrial Logistics Engineering
IMSE 802: Advanced Topics in Industrial Engineering: Quantitative Methods in Health
IMSE 990: Advanced Topics in Operations Research: Algorithms for Logistics Problems

PERSONAL STATEMENT

Briefly describe in the space below, your interest, experience, current projects, and other contributions to the Master of Public Health program at Kansas State University (limit 855 characters)

My research is focused on understanding and improving coordination in supply chains that support public health disaster preparedness and response. A chief aim is to advance knowledge of supply chain system design attributes that contribute to improved human, animal, and environmental health. Collaborators include the Kansas Dept. of Health and Environment, the Kansas Dept. of Agriculture, and K-State faculty colleagues in Agriculture, Arts & Sciences, Engineering, and Veterinary Medicine. I teach an interdisciplinary graduate seminar course (Quantitative Methods in Health) that introduces quantitative modeling methods and applications in human, animal, and environmental health contexts. For the next offering (anticipated in Spring 2018), I will enhance the focus on building skills to conduct interdisciplinary health research.

May 30, 2017
Date

Jessica L. Heier Stamm Digitally signed by Jessica L. Heier Stamm Date: 2017.05.30 16:44:00 -05'00'
Signature

Jessica L. Heier Stamm, Ph.D.

I. EARNED DEGREES

- Ph.D., Industrial and Systems Engineering, December 2010
  Georgia Institute of Technology, Atlanta, GA
- B.S., Industrial Engineering, Music Minor, *Summa Cum Laude*, December 2004
  Kansas State University, Manhattan, KS

II. APPOINTMENTS

Kansas State University, Manhattan, KS

- Assistant Professor, December 2010 – present
  Department of Industrial and Manufacturing Systems Engineering

Georgia Institute of Technology, Atlanta, GA

- Graduate Research Assistant, May 2009 – August 2010, August – December 2008
  Stewart School of Industrial and Systems Engineering
- Graduate Teaching Assistant, January – May 2009
  Stewart School of Industrial and Systems Engineering
- National Science Foundation Graduate Research Fellow, August 2005 – July 2008
  Stewart School of Industrial and Systems Engineering

III. SCHOLARLY ACCOMPLISHMENTS, [+]student co-author

Papers in Peer-reviewed Journals

- M. Kilinc[+], A. Bennett Milburn, and **J. L. Heier Stamm**. "Measuring Potential Spatial Accessibility of Home Healthcare Services." To appear in *Socio-economic Planning Sciences*, online ahead of print: doi: 10.1016/j.seps.2016.09.007.
- L. Muggy[+] and **J. L. Heier Stamm** (2017). "Dynamic, Robust Location Models to Quantify the Impact of Decentralization on Service Accessibility." *Operations Research for Health Care*, 12, 43 – 59.
- **J. L. Heier Stamm**, N. Serban, J. Swann, and P. Wortley (2017). "Quantifying and Explaining Accessibility with Application to the 2009 H1N1 Vaccination Campaign." *Health Care Management Science*, 20(1), 76 – 93.
- M. M. Caldas, M. R. Sanderson, M. Mather, M. D. Daniels, J. S. Bergtold, J. Aistrup, **J. L. Heier Stamm**, D. Haukos, K. Douglas-Mankin, A. Y. Sheshukov, and D. Lopez-Carr (2015). "Opinion: Endogenizing Culture in Sustainability Science Research and Policy." *Proceedings of the National Academy of Sciences*, 112(27), 8157 – 8159.
- L. Muggy[+] and **J. L. Heier Stamm** (2014). "Game Theory Applications in Humanitarian Operations: A Review." *Journal of Humanitarian Logistics and Supply Chain Management*, 4(1), 4 – 23.
- Ö. Ergun, L. Gui, **J. L. Heier Stamm**, P. Keskinocak, and J. Swann (2014). "Improving Humanitarian Operations through Technology-enabled Collaboration." *Production and Operations Management*, 23(6), 1002 – 1014.
- Ö. Ergun, **J. L. Heier Stamm**, P. Keskinocak, and J. Swann (2010). "Waffle House Restaurants Hurricane Response: A Case Study." *International Journal of Production Economics,* 126, 111 – 120.

Research Papers under Review or Revision

- **J. L. Heier Stamm**, Ö. Ergun, and J. Swann. "Analyzing and Managing Service Networks with Self-routing Users." Under revision after first review.
- M. R. Sanderson, J. S. Bergtold, **J. L. Heier Stamm**, M. M. Caldas, S. M. Ramsey[+], and J. Aistrup. "Climate Change Beliefs: Disentangling the Knot of Motivating Factors." Under second review.

- J. D. Pleuss[+], **J. L. Heier Stamm**, and J. D. Ellis. "Using Simulated Annealing to Improve the Information Dissemination Network Structure of a Foreign Animal Disease Outbreak Response." Under first review.
- M. R. Sanderson, J. S. Bergtold, **J. L. Heier Stamm**, M. M. Caldas, S. M. Ramsey[+]. "Bringing the 'Social' into Socio-hydrology: Application to Conservation Policy Support in the Central Great Plains of Kansas, USA." Under first review.

IV. RESEARCH SUPERVISION

Graduate Students Supervised – Completed

- Megan Menth, MSOR, 01/2015 – 05/2016
  Thesis Title: *An Agent-Based Modeling Approach to Assess Coordination among Humanitarian Relief Providers*
  First Position: Operations Analyst, Vets First Choice, Manhattan, KS
- James Pleuss, MSOR, 09/2014 – 05/2016
  Thesis Title: *Using Simulated Annealing to Improve the Information Dissemination Network Structure of a Foreign Animal Disease Outbreak Response*
  First Position: Instructor, Dept. of Mathematical Sciences, U.S. Military Academy, West Point, NY
- Luke Muggy, PhD, 08/2011 – 08/2015
  Thesis Title: *Quantifying and Mitigating Decentralized Decision Making in Humanitarian Logistics Systems*
  First position: Associate Operations Researcher, RAND Corporation, Santa Monica, CA
- Andrew Waldman, concurrent BSIE/MSIE, 08/2012 – 08/2014
  Thesis Title: *The Impact of Demand Uncertainty on Stockpile and Distribution Decisions during Influenza Pandemic*
  First Position: Business Analyst, Deloitte, Kansas City, MO
- Christopher Martin, MSOR, 01/2012 – 12/2013
  Thesis Title: *Accounting for Individual Choice in Public Health Emergency Response Planning*
  First Position: Operations Research Analyst, Flight Operations, FedEx Express, Memphis, TN
- Elijah Ingram, MSOR, 08/2011 – 05/2013
  Thesis Title: *Mitigating the Impact of Gifts-in-kind: An Approach to Strategic Humanitarian Response Planning Using Robust Facility Location*
  First Position: Instructor, Dept. of Mathematical Sciences, U.S. Military Academy, West Point, NY
- Brian Moore, concurrent BSIE/MSIE, 01/2011 – 08/2012
  Thesis Title: *Impact of Decentralized Decision Making on Access to Cholera Treatment in Haiti*
  First Position: Logistics Engineer I, J. B. Hunt, Lowell, AR

Graduate Students Supervised – In Progress

- Nibal Albashabsheh, PhD student, 03/2012 – present; Topic: Biofuel Logistics
- Steven Ramsey, PhD student (Agricultural Economics), 01/2014 – present; co-supervised with J. Bergtold; Topic: Models of Stakeholder Decision Making in Water Resources Management
- Lucas Verschelden, concurrent BSIE/MSIE student, 09/2016 – present; co-supervised with T. Easton
  Topic: Simulation and Optimization Models to Support Locomotive Refueling System Changes

V. GRANTS AND CONTRACTS, Project personnel are from Kansas State University unless noted

Current Funded Projects

- "CAREER: Measuring the Impact of Supply Chain Coordination Structures on the Effectiveness of Disaster Preparedness and Response." National Science Foundation; CMMI-1653293. $500,000. May 2017 – April 2022. PI: **J. L. Heier Stamm**.
- "CNH: Coupled Climate, Cultivation and Culture in the Great Plains: Understanding Water Supply and Water Quality in a Fragile Landscape." National Science Foundation; ICER-1313815.

$1,450,000 (Heier Stamm share: $126,379). September 2013 – August 2017. PI: M. D. Daniels (Stroud Water Research Center); Co-PIs: J. Bergtold, M. M. Caldas, M. E. Mather, A. Sheshukov; Senior Personnel: D. Haukos, **J. L. Heier Stamm**; former co-PIs: J. A. Aistrup (Auburn University), K. M. Douglas-Mankin (U.S. Fish and Wildlife Service).

Representative Completed Projects

- "BRIGE: Understanding and Managing Humanitarian Logistics Systems through Advances in Optimization and Game Theory." National Science Foundation; CMMI-1228110. $174,998. September 2012 – August 2015. PI: **J. L. Heier Stamm**.
- "Optimizing Access to Humanitarian Services in Decentralized, Stochastic, Dynamic Systems." Kansas State University Mentoring Fellowship. $6,000. July 2012 – June 2013. PI: **J. L. Heier Stamm**.
- "Measurement and Evaluation of H1N1 Response Systems towards Driving Improvements in Effectiveness and Efficiency." Emory Preparedness and Emergency Response Research Center (PERRC) Pilot Grant. $20,000 (Heier Stamm share: $6,666). Feb. 2011 – Sept. 2012. PI: J. Swann (Georgia Institute of Technology), Co-PIs: N. Serban (Georgia Institute of Technology), **J. L. Heier Stamm**.

VI. PROFESSIONAL SERVICE AND ENGAGEMENT, representative examples

Kansas State University

- Department of Industrial and Manufacturing Systems Engineering
  Graduate Committee, 08/2011 – present
  Faculty Search Committee, 12/2011 – 03/2014
- College of Engineering
  Diversity Committee, 08/2016 – present
  Undergraduate Research Committee, 08/2014 – 08/2016
  Frankenhoff Outstanding Research Award Committee, 02/2012 – 05/2014
- Graduate Student Supervisory Committees
  Served as supervisory committee member for more than 50 students in the following degree programs: PhD Industrial Engineering, MS Industrial Engineering (thesis and coursework options), MS Operations Research (coursework option), Master of Engineering Management (coursework option), and MS Animal Science (thesis option)

Professional Service

- INFORMS Health Applications Society
  Secretary, 01/2015 – 12/2016
- INFORMS Section on Public Programs, Service, and Needs (now Section on Public Sector OR)
  Senior Vice President of Programs, 01/2013 – 12/2013
  Junior Vice President of Programs, 01/2012 – 12/2012
  Sponsored Cluster Co-chair, 2012 INFORMS Annual Meeting
- Reviewing: National Science Foundation, *American Society for Engineering Education Conference*, *IIE Transactions*, *IIE Transactions on Healthcare Systems Engineering*, *Journal of Humanitarian Logistics and Supply Chain Management*, *Manufacturing and Service Operations Management*, *Operations Research*, *Production and Operations Management*, and others.

Professional Society Membership

- American Society for Engineering Education (2011 – present)
- Institute for Operations Research and the Management Sciences (INFORMS) (2004 – present)
- Institute of Industrial and Systems Engineers (2002 – present)
- Society for Health Systems (2009 – present)

Attachment 2 – Faculty Application – Trinetta

APPLICATION
MASTER OF PUBLIC HEALTH (MPH) PROGRAM FACULTY
KANSAS STATE UNIVERSITY

Please complete this form and send it along with an accompanying brief (2-3 page) Curriculum Vitae to: Dr. Ellyn Mulcahy, Director, Master of Public Health Program, 311 Trotter Hall.

PERSONAL INFORMATION

Name of Applicant:	Valentina Trinetta		
Title and Department:	Assistant Professor - Department of Animal Science and Industry		
Office Address:	222 Call Hall		
Office Phone:	785-532-1667	Email:	vtrinetta@ksu.edu

PROFESSIONAL RESPONSIBILITIES

Graduate Faculty Status: ☑ Yes ☐ No

Graduate Courses Taught (limit 285 characters)

I am teaching Food Microbiology FDSCI 600 lecture and FDSCI 601 laboratory session. In these classes students:
1. Understand the importance of food microbiology for the food industry and consumers.
2. Gain an understanding of the basic research techniques and supplies.
3. Obtain knowledge of classic foodborne microorganisms
4. Develop an understanding of food fermentations technologies and products.
5. Identify control strategies for spoilage microorganisms in the food supply chain.
6. Understand the basics of food safety and the advancement of new technologies and tools for microbial detection and research.

PERSONAL STATEMENT

Briefly describe in the space below, your interest, experience, current projects, and other contributions to the Master of Public Health program at Kansas State University (limit 855 characters)

Dear Dr Mulcahy,
I am currently an Assistant Professor in the Food Science Institute. I started my position in February 2016 and prior to this appointment I worked as a principal scientist for the Research and Development Center of Ecolab in Minnesota.
I am very passionate about Food Safety and I will be honored to be part of the Public Health Program. All my research is towards the investigations of the presence and prevalence of foodborne pathogens in the food supply chain and towards intervention strategies to provide and assure safe food, while maintaining high quality.
I think my industrial and academic experiences coupled with my current research and teaching appointment will be beneficial for the Public Health goals and requirements. I am willing to serve as major professor and in various committees for graduate students and their activities.

06/08/2017
Date

Valentina Trinetta
Digitally signed by Valentina Trinetta
DN: cn=Valentina Trinetta, o, ou, email=vtrinetta@ksu.edu, c=US
Date: 2017.06.08 13:51:28 -05'00'
Signature

Attachment 2 – Faculty Application – Trinetta

BIOGRAPHICAL SKETCH

Valentina Trinetta, PhD
Assistant Professor, Food Science Institute, Department of Animal Science and Industry
Kansas State University, 222 Call Hall, Manhattan KS 66506
vtrinetta@ksu.edu; phone 785-532-1667

EDUCATION

PhD in Food Science and Technology	University of Milan, Italy	2009
MS in Genetic Biotechnology for food quality and safety	University of Naples, Italy	2006
BS in Food Biotechnology	University of Pisa, Italy	2005

PROFESSIONAL EXPERIENCE

Assistant Professor, Department of Animal Science and Industry, Kansas State University
February 2016-Present 60% research and 40% teaching

With an emphasis in Food Safety and Microbiology, the primary research interest focus on the development of treatment technologies, like application of chlorine dioxide or cold plasma, and systems, such as active packaging and antimicrobial encapsulation, to improve the long-term sustainability of food products, and on the investigation of the distribution and persistence of pathogens along all the supply chain. Teaching responsibilities of this position consist of coordinating both lectures and laboratory sessions for the Food Microbiology class, both at undergraduate and graduate level.

Principal Microbiologist, Research and Development Center, Ecolab
November 2011-October 2015

This role was mostly dedicated to the development and validation of novel strategies in order to improve safety and shelf-life of meat products, with particular attention to costumers needs and requests. Some examples included the investigation of Shiga toxin response in stressed conditions; and the development of a FT-IR model system to discriminate *Escherichia coli* cells after acid treatment. Another important aspect of the role included assisting with food safety and sanitation audits for food, dairy, meat and poultry processors and with operational sanitation and environmental control for RTE, bakery and poultry processing facilities.

Post-Doctoral Research Associate, Department of Food Science, Purdue University
February 2009-November 2011

Aided in teaching, research, and extension mission of the Department by serving as Instructor Assistant for the "Aseptic Processing and Packaging Workshop" offered annually and being guest lecture for the undergraduate class of Food Microbiology. The main research projects focused on the development and application of ClO_2 gas technology to improve shelf-life of specialty crops, on the risk evaluation and assessment of foodborne illness associated with crops, and on the investigation of pathogen-produce interaction and response to non-thermal interventions. Other responsibilities included managing the lab and the personnel (graduate and undergraduate students).

Research Visiting Scholar, Department of Food Science, Pennsylvania State University
October 2007-August 2008

Conducted research projects related to the development of bio and green antimicrobial alternative solutions to plastic packaging films for Ready-To-Eat meat products and evaluate the controlled migration of the molecule from the packaging to the food matrix.

Graduate Research Assistant, Department of Food Science, University of Milan, Italy
November 2005-Febraury 2009

Coordinated and conducted research related to the evaluation of antimicrobial compounds for food packaging applications and their mode of action against foodborne pathogens, studied the steps encounter during the writing, revising and acceptance of research grants and peer reviewed manuscript. Assisted teaching Industrial Microbiology courses.

PROFESSIONAL ACTIVITIES AND MEMBERSHIPS

2016-2017	IFT Leadership Team, Food Microbiology Division, Division Chair
2014-2016	Editorial Board Member, Food Science Module, Elsevier
2014-2016	Editorial Board Member Journal of Food Protection Trends
2014-2016	Editorial Board Member Journal of Food Protection
2014-2016	IFT Leadership Team, Food Microbiology Division, Division Secretary
2013-2014	IFT Leadership Team, Food Packaging Division, Division Chair
2012	Member, Italian Scientists and Scholars of North American Foundations
2010	Member, International Union of Food Science and Technology (IUFoST)
2010	Member, American Society of Microbiology (ASM)
2009	Member, Institute of Food Technologist (IFT)
2008	Member, International Association for Food Protection (IAFP)

PUBLICATIONS (2013-present)

Peer Reviewed articles

Trinetta V, Morgan M, Coupland J, Yucel U. Versatile antimicrobial delivery system for essential oils on pathogen and spoilage microorganisms in fruit juices. *Journal of Food Science***, 2017.** 82,2, 471-476

Trinetta V, Mertz E, Boudnaruk P. Efficacy of an enzyme-based floor cleaner containing N,N-bis (3aminopropyl)laurylamine against foodborne pathogens on different flooring types found in foodservice environments. *Food Protection Trends*, **2015.** 35, (2), 106-112.

Pleitner AM, **Trinetta V**, Morgan MT, Linton RL, Oliver HF. Transcriptional and phenotypic responses of *Listeria monocytogenes* to chlorine dioxide. *Applied and Environmental Microbiology*, **2014**. 80 (9), 2951-2963.

Trinetta V, Morgan M, Linton R. Use of chlorine dioxide gas for the postharvest control of *Alternaria alternata* and *Stemphylium vesicarium* on Roma tomatoes. *Journal of the Science of Food and Agriculture*, **2013**. 93, 3330-3333.

Trinetta V, Linton R, Morgan M. High-concentration-short time chlorine dioxide gas application for the specialty crops industry: the case of Roma tomatoes (*Lycopersicon esculentum*), cantaloupes (*Cucumis melo ssp. melo var. cantaloupensis)* and strawberries (*Fragaria x ananassa*). *Food Microbiology*, **2013**. 34, 296-302.

Other publication

Trinetta V. Biodegradable Packaging. Reference Module in Food Sciences. Elsevier, pp. 1–2. doi: http://dx.doi.org/10.1016/B978-0-08-100596-5.03351-5 , **2016**.

Trinetta V, 2016. Application of Packaging Systems for Different Food Products. Reference Module in Food Sciences. Elsevier, pp. 1–1. doi: http://dx.doi.org/10.1016/B978-0-08-100596-5.03377-1, **2016**.

Trinetta V, Cutter CN. Smart Pullulan for active packaging applications. In "Antimicrobial Food Packaging". J Barros Velazquez (ed). Elsevier, USA, **2015**.

Danyluk MD, Fatica MK, Grewal PK, McEgan R, Valadez AM, Schneider KR and **Trinetta V**. Fruits and Vegetables. In "Compendium of methods for the microbiological examination of Foods". 5th Edition. APHA Publication, USA, **2013.**

Technical publications

Yucel U, **Trinetta V.** Versatile antimicrobial delivery system to improve food safety. IFT, Annual Meeting, Las Vegas, NV (USA), Jun **2017** (Invited Technical Oral Presentation).

Trinetta V. Sustainability in the Food Industry. IFT, Annual Meeting, Chicago IL (USA), July **2015** (Invited Technical Oral Presentation).

Trinetta V. Best practices and antimicrobial strategies for produce safety in food retail environments. Ecolab East Cost Food Safety Symposium, Charlotte NC (USA), September **2014** (Invited Technical Oral Presentation).

Trinetta V. Best practices and antimicrobial strategies for produce safety in food retail environments. Ecolab East Cost Food Safety Symposium, Charlotte NC (USA), September **2014** (Invited Oral Presentation).

Trinetta V, Bodnaruk P. Effects of different sanitizers on the toxin production of Non-O157 Shiga toxin-producing *Escherichia coli* Serotypes. IAFP, Annual Meeting, Indianapolis IN (USA), August **2014 (**Poster Presentation).

Trinetta V, B White, J Valenstein, Bodnaruk P. Discrimination of stress and unstressed Non-O157 Shiga toxin-producing *Escherichia coli* Serotypes by Fourier transform infrared (FT-IR) spectroscopy. IAFP, Annual Meeting, Indianapolis IN (USA), August **2014** (Poster Presentation).

Plentner AM, **Trinetta V**, Morgan M, Linton R, Oliver HF. In-depth analysis of Chlorine dioxide exposure on Listeria monocytogenes. IAFP, Annual Meeting, Charlotte, NC (USA), July **2013** (Poster presentation).

Trinetta V, Bodnaruk P. Peroxyacetic acid effects on the growth and toxin production of Non-O157 Shiga toxin-producing *Escherichia coli* Serotypes. IFT Annual Conference Meeting, Chicago, IL (USA), July **2013** (Poster Presentation).

Trinetta V, Valenstein J, Coburn N, Mertz E. Influence of attachment time and floor morphology on floor sanitizers. IFT Annual Conference Meeting, Chicago, IL (USA), July **2013** (Invited Oral Presentation).

Attachment 3 – MPH Spring 2017 Graduates

Ct	MPH Student	Start	Yrs in Prog	Major Professor	Committee	Area	Defense Schedule
1	Passauer, Hayleigh	9/1/2015	1.7	Nutsch	Kastner, Nguyen	FSB	**April 10 @ 9:30 AM, Coles Hall Rm 343** -- *Field Experience at the Saline County Health Department*
2	Boline, Sarah	9/1/2015	1.7	Nutsch	Kastner, Nguyen	FSB	**April 12 @ 8:00 AM, Coles Hall Rm 343** -- *Comparison of Salmonella and Shiga Toxin-producing Escherichia coli Outbreak Investigation Interviews Measuring Completeness and Timeliness from January 2016-July 2016.*
3	Johnson, Eugene	9/1/2015	1.7	Larson	Kastner, Adams	IDZ	**April 4 @ 1:00 PM, Mosier Hall Rm N202 --** *Field Experience Report*
4	Larson, Diane	1/1/2016	1.4	Mulcahy	Hamilton, Mur	IDZ	**April 5 @ 9:00 AM, Coles Hall Rm 343** -- *Biosecurity and Zoonotic Disease Risk at Livestock Exhibition Events*
5	Jobman, Erin	1/1/2015	2.4	Ganta	Kastner, Mulcahy	IDZ	**April 7 @ 1:30 PM, Trotter Hall Rm 104 C --** *The role of conservation in pulic health*
6	Bean, Deidre	9/1/2014	2.7	Nguyen	Mur, Moore	IDZ	**April 13 @ 9:00 AM, Mosier Hall Rm N202 --** *Preliminary Survey of Childhood Lead Poisoning through Spice and Home Remedy Use in Raleigh, North Carolina*
7	Cepeda, Ileana	9/1/2015	1.7	Hsu	Narayanan, Mulcahy	IDZ	**April 13 @ 1:00 PM, Coles Hall Rm 235 --** *Early Detection of Alzheimer's Disease in Military Population & Public Health Field Experience: HIV Prevention Using Pre-Exposure Prophylaxis*
8	Aguirre Rojas, Marisol	9/1/2013	3.7	KuKanich	Muturi, Kastner	IDZ	**April 14 @ 3:30 PM, Trotter Hall Rm 112 --** *Field Experience Report at Juntos Centre For Advancing Latino Health*
9	Bonilla, Emily	1/1/2015	1.9	Procter	Rosenkranz, Peters	PHN	**December 2 @ 10:30 AM, Justin Hall Rm 167 --** *Community Needs Assessments in Collaboration with Public Health*
10	Sperry, Emily	9/1/2013	3.7	Rosenkranz	Rosenkranz, Yarrow, Haub	PHN	**March 29 @ 1:00 PM, Justin Hall Rm 166 --** *Educating Riley County Seniors in Basic Nutrition*
11	Brenes, Priscilla	9/1/2013	3.7	Haub	Higgins, Doll	PHN	**April 5 @ 1:30 AM, Justin Hall Rm 166** -- *Evaluation of a printed newsletter tailored to grandparent caregivers in Kansas*
12	Frans, Nike	9/1/2015	1.7	Procter	Kidd, Haub	PHN	**April 7 @ 10:00 AM, Justin Hall Rm 115** -- *Development of Cooking Skills Measurement*
13	Byquist, Bridget	9/1/2012	4.7	Rosenkranz, S	Rosenkranz, Linshield	PHN	**April 11 @ 1:00 PM, Justin Hall Rm 122** -- *Field Experience at the Saline County Health Department*
14	Gehle, Alyssa	9/1/2015	1.7	Kidd	Procter, Muturi	PHN	**April 14 @ 1:00 PM, Justin Hall Rm 166** -- *Technology and Social Media in Nutrition Education*
	Average yrs in prog		**2.5**				

ENGL 758 Science Communication

Required Textbook:

Technical Editing, 4th ed., by Carolyn D. Rude, published by Longman/Pearson
ISBN: 0-321-33082-X

Course Objectives:

ENGL 758—Science aims to help you improve your writing skills as you apply them in both your workplace and your graduate courses at Kansas State University. Upon completing this course you should be able to do the following well:

1. Edit your written work to ensure correct spelling, grammar, punctuation, and usage
2. Edit your written work to create an effective style
3. Respond to a writing situation with an understanding of the relationship between the purpose of a written communication and the readers' informational needs
4. Write an effective summary
5. Write an effective literature review and understand its purpose with respect to graduate student research
6. Write an effective research problem statement based on a literature review

Required Work:

To receive credit for this course, you will need to complete the following assignments:

- Two editing quizzes
- A short memo addressing a real-world workplace situation
- A working bibliography of 10 journal articles using an acceptable format for citations
- A summary of a professional journal article
- A short literature review, approximately 8-10 double-spaced, typewritten pages
- A research problem statement, approximately 2-3 double-spaced, typewritten pages

To receive an A for the course, you must meet a professional standard for the work, which means each written assignment must be free of errors. However, you will be

allowed to revise each assignment, including the quizzes, as many times as required to meet that standard. Each assignment and revision will be evaluated and returned to you within several week days after I have received it.

Late Work:

The due dates for each assignment appear in the course plan. I will accept work after the due dates without penalty. However, I encourage you strongly to adhere to those dates so you will have the time and opportunities to complete revisions. You may *not*, however, submit more than one assignment or revision simultaneously.

Course Plan

1/14—2/4 Unit One: Basic Copyediting

Grammar, Spelling, and Usage

Read Chapter 10, pp. 152-166, and Chapter 9, pp. 140-145 before watching the recorded lessons

- Lesson 1: Subject-Verb Agreement and Faulty Predication

  Do exercises 6 a, c, d, g, and k on pp. 169-170 before watching the recording.

- Lesson 2: Using Pronouns Correctly

  Do exercises 9 a and b on p. 171 before watching the recording

- Lesson 3: Parallelism

  Do exercises 5 a, c, and f and 6 e and f on pp. 193-194 before watching the recording.

- Lesson 4: Misplaced and Dangling Modifiers

  Do exercises 8 b and c and 7 a, c, and f on pp. 170-171 before watching the recording.

Punctuation

Read Chapter 11, pp. 173-192 before watching the Tegrity recordings.

- Lesson 5: Sentence Types and Punctuation

  Do exercises 3 a and b on pp. 192 before watching the recording.

- Lesson 6: Punctuating Restrictive and Nonrestrictive Modifiers and Other phrases

Do exercises 4a, c, and g on p. 193 and exercise 8 a on p. 195 before watching the recording.

- Lesson 7: Apostrophes, Hyphens, and Colons

Do exercises 7 a, c, d, e, f, i, and j on pp. 194-195, exercises 9 b, f, g, and h on pp. 195-196, and exercises 8 e and f on p. 195 before watching the recording.

Unit One Assignment: Editing Quiz (posted online in the Assignments Folder) due on February 4th

2/5—2/12 Unit Two: Using the Library and Writing Bibliographies

Read Assignment 2 sheet (posted online in the Assignments Folder) before watching the recorded lessons.

- Lesson 1: Using the Library
- Lesson 2: Preparing Bibliographic Citations

Unit Two Assignment: Working Bibliography due on February 12th

2/13—2/21 Unit Three: Audience and Purpose

Read Assignment 3: Employee Training at Excel Case Study (posted online in the Assignments Folder) before watching the recorded lessons.

- Lesson 1: Complex Audiences

Audience profile exercise based on Assignment 3 (posted online)

- Lesson 2: Defining the Purpose Based on Outcomes

Defining the purpose exercise based on Assignment 3 (posted online)

- Lesson 3: Identifying the Readers' Informational Needs

Listing key questions exercise based on Assignment 3 (posted online)

- Lesson 4: Defining Objectives Worksheet
- Lesson 5: Formatting Memos

Unit Three Assignment: Employee Training Memo due on February 21st

2/22—3/13 Unit Four: Editing for Style

Read Chapter 15, pp.250-262, and Chapter 16, pp.266-281 before watching the recorded lessons.

- Lesson 1: Why Style Matters

  Do exercise 4 on p. 264 before watching the Tegrity recording

- Lesson 2: Focusing on Subjects and Verbs

  Do exercises 1 b, c, and e on p. 263 before watching the recording

- Lesson 3: Stating Actions as Verbs

  Do exercises 1 d and e on p. 282 before watching the recording

- Lesson 4: Using the Active Voice

  Do the exercises posted online before watching the recording

- Lesson 5: Eliminating Verbal Filler

  Do the exercises posted online before watching the recording

- Lesson 6: Choosing Plain Words Over Fancy Ones

Unit Four Assignment: Editing Quiz (posted online in the Assignments Folder) due on March 13th

3/14—3/28 Unit Five: Writing Summaries

Read Assignment 5 (posted online) and reread pp. 258-259 in Chapter 15 before watching the recorded lessons.

- Lesson 1: Identifying Main Points and their Significance
- Lesson 2: Stating the Main Point First
- Lesson 3: Arranging Sentences for End Focus and Cohesion

  Do exercise 8 on p. 265 before watching the recording

- Lesson 4: Preparing a Bibliographic Citation

Unit Five Assignment: Written Summary of a Professional Journal Article due on March 28th

3/29—4/26 Unit Six: Writing Literature Reviews

Read Assignment 5 (posted online in the Assignments folder) and pp. 284-294 in Chapter 17 before watching the recorded lessons.

- Lesson 1: Understanding the Purpose of Literature Reviews
- Lesson 2: Paraphrasing and Documenting Sources
- Lesson 3: Organizing for Comprehension
- Lesson 4: Organizing Information in Paragraphs
- Lesson 5: Using Headings and Subheadings

Unit Six Assignment: Literature Review due on April 26th

4/27—5/4 **Unit Seven: Writing a Research Problem Statement**

Read Assignment 7 (posted online) and pp. 294-299 in Chapter 17

- Lesson 1: Understanding the Persuasive Aims of the Problem Statement
- Lesson 2: Using Lists to Write the Objective Statement

Unit Seven Assignment: Research Problem Statement due on May 4th

5/5—5/14 **Final Revisions**

All final revisions of work completed during the course must be submitted by the end of the day on **May 14th**