

# MontanaTech

## Professional and Technical Communications Annual Program Review

Submitted by:

Nick Hawthorne, Chair

February 5<sup>th</sup>, 2016

Academic year 2014/2015

Assessment Committee Review: Spring 2016

Department Overview

The Professional and Technical Communication Program at Montana Tech (PTC) prepares you to enter the exciting and dynamic work of Technical Communication. This field includes technical writers, editors, graphic designers, videographers, multimedia artists, and web designers. The Montana Tech program provides you with a rich understanding of the latest media technology and the theoretical framework necessary for effective communication.

Professional and technical communicators are humane, intelligent, artistic problem solvers. Using all communication media as instruments, technical communication professionals help translate the specialized languages of the 21st century into meaningful and useful forms for their audiences. With a low faculty-to-student ratio in the PTC department, you will work one-on-one with faculty to develop a portfolio of projects in your field of particular interest; be it print production, video, or interactive media such as games, web sites, or museum kiosks.

Upon entry in the program, you are able to choose a concentration from

- Interactive Media
- Public Relations
- Health Science Communication

Degrees offered are a Bachelor of Science in Professional and Technical Communications or a Master of Science in Technical Communications. The PTC department is recognized and accredited by the Northwest Association of Accredited Schools.

### **Facilities**

While earning your degree, you will have access to the very latest tools of the technical communication profession. The facilities available include teaching and research labs with PC and Mac computers, high-resolution large-format printers, and usability testing, podcast, and sound design equipment. As a student, you become familiar with state-of-the-art communication equipment and receive hands-on training with digital still and video cameras, audio recording devices, and the latest software.

## Overview of Objectives and Student Outcomes

*Program Education Objectives:* The assessment and evaluation of Program Objectives is achieved through a process of obtaining information, analyzing results, comparing the results to expected levels, and taking appropriate actions to improve the attainment of the objectives and outcomes.

1. Graduates working as technical communicators help translate the specialized languages of the 21<sup>st</sup> century into meaningful and useful forms for their audiences.
2. Graduates will have a commitment to life-long learning to their careers.
3. Graduates will have the ability to work cooperatively with others in groups and teams.

*Student Outcomes:* Student outcomes describe what students are expected to know and be able to do by the time of graduation. These relate to skills, knowledge, and behaviors that students acquire as they progress through the program. The PTC department will rotate and evaluate five student outcomes every year.

After careful consideration and future planning for upcoming program reviews, the PTC department has decided to re-evaluate the program outcomes. The current program outcomes are dated back to August 2005. In addition to the 11-year-old program outcomes, the PTC program would like to align their goals with current students and ETS scores. These future outcomes will be discussed in Fall 2016 with current tenured and tenure track faculty. The department believes that this will help assess student success and help our program by identifying student needs.

| Student Outcomes | Year Reviewed |
|------------------|---------------|
| 1,2,3,4          | 2014-2015     |
| 5,6,7,8          | 2015-2016     |
| 9,10,11,12       | 2016-2017     |

1. Collaborate effectively with subject-matter experts and coworkers.
2. Provide clear writing for a specific audience directed by clearly defined purposes.
3. Analyze the needs of users (through applying audience analysis techniques for the design and writing of documents).
4. Assess and learn new technology and reach new audiences with new technology.
5. Critique one's own work and the work of other professional communicators.
6. Employ word-processing, document-design, graphics, drawing, desktop publishing, and presentation software.
7. Establish an effective tone and style in technical and professional documentation.
8. Achieve a set of expectations and values by observing ethical and legal considerations when communicating.
9. Develop production-quality documents, online information, and websites.
10. Conduct informational and problem-solving interviews.
11. Write and design memos, letters, email, websites, and other practical communication.
12. Address communication conflicts in small groups arising from participant diversity.

13. Comprehensively edit a document (using levels of edit concepts, usability testing, field-testing, etc.)
14. Conduct contextual inquiry (on-site interviews and observations for users and task analysis).
15. Use online environments for the learning of content information in both educational and professional contexts.

## Student Outcomes

*Outcome (1):* Students will collaborate effectively with subject-matter experts and coworkers.

1. Performance Criteria: For PTC students taking the ETS exam, the average “Humanities score” is at least at the 100<sup>th</sup> percentile of scores for Master’s Comprehensive Colleges and Universities.
  - a. Strategies: PTC curriculum
  - b. Assessment Instruments(s): The ETS Exam.
  - c. Source of Assessment: PTC majors who take the ETS exam.
  - d. Time of data collection: 2014/2015 ETS Proficiency Exam
  - e. Person/group responsible for ensuring collection of assessment data: PTC Department Head.
  - f. Person/group responsible for evaluating results: PTC faculty.
  - g. Summary of how data collected as well as the information obtained from the data: Seven PTC students completed the test with a 100<sup>th</sup> percentile ranking.
  - h. Based on the findings, actions taken: This performance criterion has been met.

*Outcome (2):* Provide clear writing for a specific audience directed by clearly defined purposes.

1. Performance Criteria: For PTC students taking the ETS exam, the average “writing score” is at least at the 96<sup>th</sup> percentile of scores for Master’s Comprehensive Colleges and Universities.
  - a. Strategies: PTC curriculum
  - b. Assessment Instruments(s): The ETS Exam.
  - c. Source of Assessment: PTC majors who take the ETS exam.
  - d. Time of data collection: 2014/2015 ETS Proficiency Exam
  - e. Person/group responsible for ensuring collection of assessment data: PTC Department Head.
  - f. Person/group responsible for evaluating results: PTC faculty.
  - g. Summary of how data collected as well as the information obtained from the data: Seven PTC students completed the test with a 96<sup>th</sup> percentile ranking.
  - h. Based on the findings, actions taken: This performance criterion has been met.

*Outcome (3):* Analyze the needs of users (through applying audience analysis techniques for the design and writing of documents).

1. Performance Criteria: For PTC students taking the ETS exam, the average “critical thinking score” is at least at the 99<sup>th</sup> percentile of scores for Master’s Comprehensive Colleges and Universities.
  - a. Strategies: PTC curriculum
  - b. Assessment Instruments(s): The ETS Exam.
  - c. Source of Assessment: PTC majors who take the ETS exam.
  - d. Time of data collection: 2014/2015 ETS Proficiency Exam

- e. Person/group responsible for ensuring collection of assessment data: PTC Department Head.
- f. Person/group responsible for evaluating results: PTC faculty.
- g. Summary of how data collected as well as the information obtained from the data: Seven PTC students completed the test with a 97<sup>th</sup> percentile ranking.
- h. Based on the findings, actions taken: This performance criterion has been met.

*Outcome (4): Assess and learn new technology and reach new audiences with new technology.*

1. Performance Criteria: For PTC students taking the ETS exam, the average “Social Sciences score” is at least at the 99<sup>th</sup> percentile of scores for Master’s Comprehensive Colleges and Universities.
  - a. Strategies: PTC curriculum
  - b. Assessment Instruments(s): The ETS Exam.
  - c. Source of Assessment: PTC majors who take the ETS exam.
  - d. Time of data collection: 2014/2015 ETS Proficiency Exam
  - e. Person/group responsible for ensuring collection of assessment data: PTC Department Head.
  - f. Person/group responsible for evaluating results: PTC faculty.
  - g. Summary of how data collected as well as the information obtained from the data: Seven PTC students completed the test with a 99<sup>th</sup> percentile ranking.
  - h. Based on the findings, actions taken: This performance criterion has been met.

## Information Required by our NWCCU Year One Report (YOR)

### CORE THEME 1: Education and Knowledge

As found under *Objective 1, Indicator of Achievement E* in YOR: Describe direct measures of student knowledge (e.g., Licensing Exams, Capstone Course, Senior Projects)

1. ETS Proficiency exam, where the results are reported under the performance criteria for the program’s student outcomes. Future Professional and Technical Communications graduates using the 15/16 catalog will have a capstone experience, and those data will be reported in future program reviews.

As found under *Objective 2, Indicator of Achievement A* in YOR: What extracurricular educational opportunities (and participation rate) are available to students in your program? (e.g., Undergraduate Research Program (URP), Seminar Activities, Conference Attendance, Guest Lectures, and Field Trips)

1. Field trip opportunities offered in conjunction with TC 5476: Printing for Less, Livingston, MT; Falcon Press/Helena Independent Record, Helena, MT; U of M Printing & Graphics, Missoula, MT.
2. Measure in part through faculty evaluation of senior projects and portfolios.
3. Students in PTC have continued their in-class research projects into potentially publishable domains, including through the *Journal of Undergraduate Multimedia Projects* and the Undergraduate Research Program

As found under Objective 3, Indicator of Achievement A in YOR: In what ways does your program prepare graduates for a successful career in addition to curricular preparation? (e.g., Internships, professional exam preparation, specialized training in software, and IAB feedback)

1. All students complete an internship; specialized software in Desktop Publishing, Video Production, Usability Testing supported through Lynda.com tutorials.
2. Nine PTC undergraduate students were successfully placed into paying internship positions with an average pay of \$16.99 per hour.

As found under Objective 3, Indicator of Achievement A in YOR: What academic distinction opportunities are available to your students and what distinctions have been achieved over the last year? (e.g., Merit Scholarships, distinction based GPA (e.g. Deans List), and team competitions.)

1. For 2014-15 school year, 3 PTC students have received a William Chance Scholarship.
2. For Fall 2014, 11 PTC students earned a 3.5 GPA or higher (placing them on the Honor Roll or above).
3. For Spring 2014, 15 PTC students earned a 3.5 GPA or higher (placing them on the Honor Roll or above).

|  | Full Time Tenure Track | Full Time Non-tenure Track | Part Time Faculty |
|--|------------------------|----------------------------|-------------------|
| Number of department faculty   | 7                      | 2                          | 18                |
| Number of department faculty reviewed this year  | 6                      | NA                         | NA                |
| Objective 1, Indicator of Achievement A: Number of department faculty reviewed this year who met departmental standards in teaching  | 6                      | NA                         | NA                |
| Objective 2, Indicator of Achievement A: Number of department faculty reviewed this year who met departmental standards in research, scholarly activity, and/or professional development | 6                      | NA                         | NA                |
| Objective 3, Indicator of Achievement A: number of department faculty reviewed this year who met departmental standards in service to their profession, the campus, and/or the community | 6                      | NA                         | NA                |

### CORE THEME 1: Education and Knowledge Program Evaluation

*Objective 1, Indicator of Achievement C: Strengths:*

1. Strengths include flexible scheduling/course substitutions, small classes, project-oriented course culture, practical hands-on skills that help students land jobs.

2. Interdisciplinary, Multimodality, collaboration and effective writing and presentations skills.
3. Relevance to a wide spectrum of career options.

*Objective 1, Indicator of Achievement D: How will the program maintain the strengths?*

1. Maintain strength through close cooperation with Liberal Studies, try to help new faculty realize they should not be overly rigid with students but should make reasonable accommodations for students with extracurricular opportunities, jobs, and families.
2. Continue to fund, as much as possible, research-related travel and the purchase of equipment and material used for enhancing the quality of teaching and research.
3. Continue to reward, through promotion and tenure benchmarks described in departmental standards, as well as with access to merit awards, both quality teaching and discipline specific research and scholarly activity.

*Objective 1, Indicator of Achievement C: Weaknesses:*

1. Low enrollment
2. Insufficient travel Funds to support faculty research
3. Insufficient advertising budget and relationship with technology services.

*Objective 1, Indicator of Achievement D: How will the program address the weaknesses?*

1. Address weakness of low enrollment with new partnership in a 3 + 2 program with Guandong College, whereby wealthy Chinese students will study PTC for 2 years in order to take a BS degree. Goal is 5 to 10 students per year. Chad Okrusch will be at Guangdong College in March to cultivate this new partnership.
2. The department will continue to seek external funding for faculty and students.
3. The department will work with on campus entities (recruitment and Career Services) to increase number of students and ensure their success post graduation.

Other actions leading to program improvement (e.g., develop a new course):

1. Pat Munday has developed a new junior-level undergraduate Research Methods course to help students learn and apply research methods in their senior projects and to encourage them to apply for Undergrad Research Program;
2. Pat Munday has developed two new GER history courses, HSTR 101 and 102, in a fully web-based format with recorded video lectures and interactive quizzes—implemented in Summer 2015, the courses were highly successful in terms of enrollment and student evaluations. 20 students enrolled in and completed HSTR 102 (full enrollment with cap = 20)—far more students than normally enroll in HSTR 101 during the regular semester. This indicates a good demand for fully web-based GER courses.
3. PTC 330 Game Design into General Education.
4. COMX 234 Mass Media into General Education.

Core Theme 1, Objective 1, Indicator of Achievement B:

Core Theme 4, Objective 1, Indicator of Achievement A:

Assessment Year - 2015

Student Diversity

MAJOR: PTC Prof & Technical Communication

|      |      | Full Time (F) and Part Time (P) | Freshman | Sophomore | Junior | Senior | Post Bacc | Total Graduate | Total Undergrad | %Female Gender | %Underrepresented Ethnicity | %Montana Students | %Out-of-State Students | %International | %PELL |
|------|------|---------------------------------|----------|-----------|--------|--------|-----------|----------------|-----------------|----------------|-----------------------------|-------------------|------------------------|----------------|-------|
| Fall | 2014 | F                               | 4        | 4         | 8      | 6      |           | 4              | 23              | 45%            | 14%                         | 90%               | 7%                     | 3%             | 52%   |
|      |      | P                               |          | 1         |        |        |           | 2              |                 |                |                             |                   |                        |                |       |
| Fall | 2013 | F                               | 4        | 7         | 5      | 1      |           | 6              | 19              | 59%            | 4%                          | 89%               | 7%                     | 4%             | 37%   |
|      |      | P                               |          | 2         |        |        |           | 2              |                 |                |                             |                   |                        |                |       |
| Fall | 2012 | F                               | 7        | 5         | 2      | 5      | 1         | 2              | 21              | 39%            | 4%                          | 89%               | 11%                    |                | 50%   |
|      |      | P                               | 1        |           |        |        |           | 5              |                 |                |                             |                   |                        |                |       |
| Fall | 2011 | F                               | 9        | 2         | 4      | 9      |           | 5              | 25              | 47%            | 11%                         | 92%               | 8%                     |                | 63%   |
|      |      | P                               |          |           |        |        | 1         | 6              |                 |                |                             |                   |                        |                |       |
| Fall | 2010 | F                               | 7        | 4         | 6      | 5      |           | 7              | 23              | 63%            |                             | 88%               | 13%                    |                | 74%   |
|      |      | P                               |          |           | 1      |        |           | 2              |                 |                |                             |                   |                        |                |       |



## Core Theme 1, Objective 1, Indicator of Achievement B: Degrees Awarded - Assessment 2015

| <b>Major</b>                   | <b>Minor</b> | <b>Certificate</b> | <b>Associate</b> | <b>Bachelor</b> | <b>Master</b> |
|--------------------------------|--------------|--------------------|------------------|-----------------|---------------|
| Prof & Technical Communication |              |                    |                  |                 |               |
| 2013-2014                      | 3            |                    |                  | 2               | 4             |
| 2012-2013                      | 1            |                    |                  | 5               | 3             |
| 2011-2012                      | 2            |                    |                  | 4               | 3             |
| 2010-2011                      |              |                    |                  | 2               | 2             |
| 2009-2010                      |              |                    |                  | 4               | 4             |

# Graduate Survey

## BS Professional & Technical Communication

| Year | # of Graduates | # of Graduates Reporting | Core Theme 2, Objective 2 Indicator of Achievement A: Degree Related Employment | Professional Employment | Outside Degree Area | Core Theme 2, Objective 2 Indicator of Achievement B: Continuing Education | Military | Not Currently Seeking | Seeking Employment | Core Theme 2, Objective 2 Indicator of Achievement A: Placement |
|------|----------------|--------------------------|---|-------------------------|---------------------|--|----------|-----------------------|--------------------|---|
| 2012 | 4              | 4                        | 2   | 0                       | 1                   | 1  | 0        | 0                     | 0                  | 100%  |
| 2011 | 2              | 2                        | 1   | 0                       | 0                   | 1  | 0        | 0                     | 0                  | 100%  |
| 2010 | 4              | 4                        | 2   | 0                       | 1                   | 1  | 0        | 0                     | 0                  | 100%  |
| 2009 | 5              | 5                        | 1   | 0                       | 2                   | 2  | 0        | 0                     | 0                  | 100%  |

# Graduate Survey

## MS Technical Communication

| Year | # of Graduates | # of Graduates Reporting | Core Theme 2, Objective 2 Indicator of Achievement A: Degree Related Employment | Professional Employment | Outside Degree Area | Core Theme 2, Objective 2 Indicator of Achievement B: Continuing Education | Military | Not Currently Seeking | Seeking Employment | Core Theme 2, Objective 2 Indicator of Achievement A: Placement |
|------|----------------|--------------------------|---|-------------------------|---------------------|--|----------|-----------------------|--------------------|---|
| 2012 | 3              | 3                        | 2   | 0                       | 0                   | 1  | 0        | 0                     | 0                  | 100%  |
| 2011 | 2              | 2                        | 1   | 0                       | 0                   | 1  | 0        | 0                     | 0                  | 100%  |
| 2010 | 4              | 4                        | 2   | 0                       | 0                   | 1  | 0        | 0                     | 1                  | 75%   |
| 2009 | 4              | 4                        | 3   | 0                       | 1                   | 0  | 0        | 0                     | 0                  | 100%  |

# Core Theme 1, Objective 4, Indicator of Achievement B

## Prof & Technical Communication

| College Name                      | Number of First Time Freshman Transferring (2007-2013 Cohort) | Average Number of Credits Earned at Tech Prior to Transfer |
|-----------------------------------|---|--|
| CHEMEKETA COMMUNITY COLLEGE       | 1   | 35   |
| FRONT RANGE COMMUNITY COLLEGE     | 1   | 60   |
| MILES COMMUNITY COLLEGE           | 1   | 49   |
| MONTANA STATE UNIVERSITY-BILLINGS | 2   | 39   |
| UNIVERSITY OF MONTANA             | 2   | 49   |
| UNIVERSITY OF MONTANA - WESTERN   | 1   | 26   |
| UNIVERSITY OF PHOENIX             | 1   | 124  |

# Full Time Faculty Assessment 2015

## Core Theme 4, Objective 1 Indicator of Achievement A: Faculty Diversity (Fall 2014)

| Department                               | Type                                  | # of Faculty | % Female | % Non-Resident Alien | % Under Represented |
|--|---------------------------------------|--------------|----------|----------------------|---------------------|
| <b>Professional &amp; Technical Comm</b> |                                       |              |          |                      |                     |
|  | F(a) - Full Time Tenure Track Faculty | 7            | 43%      | 0%                   | 14%                 |
|  |                                       | 7            | 43%      | 0%                   | 14%                 |

# Faculty Analysis Courses Data - Assessment 2015

Core Theme 3, Objective 1 Indicator of Achievement A:

Core Theme 1,  
Objective 2,  
Indicator of  
Achievement B:  
Distance Delivery

| Instructor              | Course                                   | Credits | Enrolled | Distance Delivery |
|-------------------------|--|---------|----------|-------------------|
| <b>Department PTC</b>   |  |         |          |                   |
| <b>Fall 2014</b>        |  |         |          |                   |
|                         | COMX 491 01 Special Topics               | 3       | 1        |                   |
|                         | T.C. 5506 01 Intercultural Communication | 3       | 1        |                   |
| Alice Cecilia McDonough |  |         |          |                   |
|                         | WRIT 095 01 Developmental Writing        | 3       | 12       |                   |
|                         | WRIT 095 CH Developmental Writing        | 3       | 1        |                   |
|                         | WRIT 101 01 College Writing I            | 3       | 12       |                   |
|                         | WRIT 101 23 College Writing I            | 3       | 20       |                   |
|                         | WRIT 101 W20 College Writing I           | 3       | 20       | X                 |
|                         | WRIT 108 01 Elementary Technical Writing | 3       | 12       |                   |
| Ana Nelson Shaw         |  |         |          |                   |
|                         | COMM 4921 01 Senior Tech. Comm. Seminar  | 1       | 11       |                   |
|                         | COMM 4921 02 Senior Tech. Comm. Seminar  | 1       | 15       |                   |
|                         | COMX 230 01 Presenting Technical Info    | 3       | 26       |                   |
|                         | COMX 230 11 Presenting Technical Info    | 0       | 14       |                   |
|                         | COMX 230 12 Presenting Technical Info    | 0       | 12       |                   |
|                         | T.C. 5376 01 Ethics Proseminar           | 1       | 2        |                   |
| Ann V Staton            |  |         |          |                   |
|                         | WRIT 121 04 Intro To Technical Writing   | 3       | 19       |                   |
|                         | WRIT 121 10 Intro To Technical Writing   | 3       | 16       |                   |
|                         | WRIT 121 17 Intro To Technical Writing   | 3       | 19       |                   |
|                         | WRIT 121 18 Intro To Technical Writing   | 3       | 20       |                   |
| Brandi Rochelle Watts   |  |         |          |                   |
|                         | WRIT 321W 06 Advanced Technical Writing  | 3       | 20       |                   |
| Chad Michael Okrusch    |  |         |          |                   |
|                         | COMX 338W 01 Usability Testing           | 3       | 13       |                   |
|                         | COMX 498 02 Internship                   | 3       | 1        |                   |
|                         | T.C. 5946 01 Graduate Seminar            | 1       | 4        |                   |
|                         | T.C. 5996 01 Thesis/Graduate Project     | 6       | 1        |                   |
| Charles Driscoll Larson |  |         |          |                   |

# Faculty Analysis Courses Data - Assessment 2015

## Core Theme 3, Objective 1 Indicator of Achievement A:

| Instructor           | Course                                  | Credits | Enrolled | Core Theme 1,<br>Objective 2,<br>Indicator of<br>Achievement B:<br>Distance Delivery |
|----------------------|---|---------|----------|--|
|                      | PTC 2886 01 Digital Imaging             | 3       | 19       |  |
|                      | PTC 491 01 Special Topics               | 3       | 1        |  |
| Cricket Pietsch      |   |         |          |  |
|                      | COMX 115 01 Interpersonal Communication | 3       | 22       |  |
| Daniel Stirling      |   |         |          |  |
|                      | COMX 415 01 Intercultural Communication | 3       | 11       |  |
| Dawn Atkinson        |   |         |          |  |
|                      | WRIT 101 02 College Writing I           | 3       | 17       |  |
|                      | WRIT 121 08 Intro To Technical Writing  | 3       | 11       |  |
|                      | WRIT 121 09 Intro To Technical Writing  | 3       | 17       |  |
|                      | WRIT 121 12 Intro To Technical Writing  | 3       | 19       |  |
| Glen Southergill     |   |         |          |  |
|                      | PTC 330 01 Intro To Game Design         | 3       | 10       |  |
|                      | WRIT 121 06 Intro To Technical Writing  | 3       | 18       |  |
|                      | WRIT 321W 01 Advanced Technical Writing | 3       | 19       |  |
| Gretchen Lynn Miller |   |         |          |  |
|                      | PTC 2506 01 Webpage Design              | 3       | 12       |  |
| Henrietta Shirk      |   |         |          |  |
|                      | WRIT 121 01 Intro To Technical Writing  | 3       | 20       |  |
|                      | WRIT 321W W3 Advanced Technical Writing | 3       | 19       | X  |
|                      | WRIT 322W W3 Advanced Business Writing  | 3       | 16       | X  |
| Henry Gonshak        |   |         |          |  |
|                      | CRWR 391 01 Special Topics              | 3       | 1        |  |
|                      | WRIT 101 11 College Writing I           | 3       | 21       |  |
| Jack Crowley         |   |         |          |  |
|                      | WRIT 201 01 College Writing II          | 3       | 10       |  |
| James Tracy          |   |         |          |  |
|                      | WRIT 121 07 Intro To Technical Writing  | 3       | 14       |  |
| Janet Cornish        |   |         |          |  |
|                      | WRIT 121 02 Intro To Technical Writing  | 3       | 19       |  |
|                      | WRIT 121 05 Intro To Technical Writing  | 3       | 17       |  |
| Janie A Payne        |   |         |          |  |

# Faculty Analysis Courses Data - Assessment 2015

## Core Theme 3, Objective 1 Indicator of Achievement A:

## Core Theme 1, Objective 2, Indicator of Achievement B: Distance Delivery

| Instructor               | Course                                       | Credits | Enrolled |
|--------------------------|--|---------|----------|
|                          | WRIT 321W 05 Advanced Technical Writing      | 3       | 19       |
|                          | WRIT 322W 02 Advanced Business Writing       | 3       | 17       |
| Karen Sorensen           |  |         |          |
|                          | COMX 441W 01 Rhtrcl Thry & Crit Tech Comm    | 3       | 8        |
|                          | T.C. 5016 01 Professional Presentations      | 1       | 4        |
|                          | T.C. 5416W 01 Rhetorical Thres & Prof Commnt | 3       | 1        |
|                          | T.C. 5616 01 Research Methods                | 3       | 6        |
| Katherine S Eccleston    |  |         |          |
|                          | PTC 1946 01 PTC Freshman Seminar             | 1       | 8        |
|                          | T.C. 5150 01 Graduate Writing Seminar        | 1       | 11       |
|                          | WRIT 321W 04 Advanced Technical Writing      | 3       | 18       |
|                          | WRIT 325W 01 Writing in the Sciences         | 3       | 11       |
| Larry Jacobson           |  |         |          |
|                          | WRIT 101 08 College Writing I                | 3       | 20       |
| Laurie Koeplin           |  |         |          |
|                          | WRIT 095 09 Developmental Writing            | 3       | 10       |
|                          | WRIT 101 07 College Writing I                | 3       | 17       |
| Marisa Lee Pedulla       |  |         |          |
|                          | T.C. 5160 01 Graduate Writing Seminar        | 1       | 13       |
| Mary E Blinn             |  |         |          |
|                          | WRIT 101 06 College Writing I                | 3       | 14       |
|                          | WRIT 101 10 College Writing I                | 3       | 19       |
| Michelle Wiseman         |  |         |          |
|                          | WRIT 095 03 Developmental Writing            | 3       | 19       |
| Nicholas James Hawthorne |  |         |          |
|                          | COMX 498 03 Internship                       | 3       | 3        |
|                          | PTC 3156 01 Digital Video Production         | 3       | 3        |
|                          | PTC 3156 11 Digital Video Production         | 0       | 3        |
|                          | PTC 3406W 01 New Media Design I              | 3       | 12       |
|                          | PTC 4996W 01 Senior Thesis                   | 2       | 6        |
| Pat P Munday             |  |         |          |
|                          | WRIT 325W 02 Writing in the Sciences         | 3       | 1        |



# Faculty Analysis Courses Data - Assessment 2015

Core Theme 3, Objective 1 Indicator of Achievement A:

| Instructor              | Course                                      | Credits | Enrolled | Core Theme 1,<br>Objective 2,<br>Indicator of<br>Achievement B:<br>Distance Delivery |
|-------------------------|---|---------|----------|--|
| Rick Edwards            |   |         |          |  |
|                         | WRIT 322W 01 Advanced Business Writing      | 3       | 20       |  |
| Roberta Ray             |   |         |          |  |
|                         | COMX 317W 01 Interprsnl Comm Theory & Prctc | 3       | 7        |  |
| Stacey Corbitt          |   |         |          |  |
|                         | WRIT 121 03 Intro To Technical Writing      | 3       | 16       |  |
| Stacie Barry Peterson   |   |         |          |  |
|                         | STS 2016 01 Technology & Society            | 3       | 9        |  |
| Valerie Smith           |   |         |          |  |
|                         | WRIT 095 04 Developmental Writing           | 3       | 19       |  |
|                         | WRIT 095 06 Developmental Writing           | 3       | 17       |  |
| <b>Spring 2015</b>      |   |         |          |  |
| Alice Cecilia McDonough |   |         |          |  |
|                         | WRIT 095 01 Developmental Writing           | 3       | 5        |  |
|                         | WRIT 101 04 College Writing I               | 3       | 17       |  |
|                         | WRIT 101 07 College Writing I               | 3       | 6        |  |
|                         | WRIT 101 08 College Writing I               | 3       | 10       |  |
|                         | WRIT 101 W7 College Writing I               | 3       | 18       | X  |
|                         | WRIT 108 01 Elementary Technical Writing    | 3       | 10       |  |
| Ana Nelson Shaw         |   |         |          |  |
|                         | COMX 230 01 Presenting Technical Info       | 3       | 31       |  |
|                         | COMX 230 11 Presenting Technical Info       | 0       | 16       |  |
|                         | COMX 230 12 Presenting Technical Info       | 0       | 15       |  |
|                         | COMX 492 01 Senior Tech. Comm Seminar       | 1       | 27       |  |
|                         | COMX 492 02 Senior Tech. Comm Seminar       | 1       | 17       |  |
| Ann V Staton            |   |         |          |  |
|                         | WRIT 121 02 Intro To Technical Writing      | 3       | 16       |  |
|                         | WRIT 321W 01 Advanced Technical Writing     | 3       | 19       |  |
|                         | WRIT 321W 02 Advanced Technical Writing     | 3       | 19       |  |
|                         | WRIT 321W 04 Advanced Technical Writing     | 3       | 20       |  |
| Brandi Rochelle Watts   |   |         |          |  |

# Faculty Analysis Courses Data - Assessment 2015

## Core Theme 3, Objective 1 Indicator of Achievement A:

| Instructor           | Course                                      | Credits  | Enrolled | Core Theme 1,<br>Objective 2,<br>Indicator of<br>Achievement B:<br>Distance Delivery |
|----------------------|---|----------|----------|--|
|                      | WRIT 322W 03 Advanced Business Writing      | 3        | 19       |  |
| Chad Michael Okrusch |   |          |          |  |
|                      | PTC 3996 03 Independent Study               | 3        | 4        |  |
|                      | T.C. 5946 01 Graduate Seminar               | 1        | 5        |  |
|                      | T.C. 5996 05 Thesis/Graduate Project        | variable | 2        |  |
| Dawn Atkinson        |   |          |          |  |
|                      | WRIT 101 02 College Writing I               | 3        | 11       |  |
|                      | WRIT 101 09 College Writing I               | 3        | 8        |  |
|                      | WRIT 121 01 Intro To Technical Writing      | 3        | 16       |  |
|                      | WRIT 122 01 Intro to Business Writing       | 3        | 10       |  |
| Glen Southergill     |   |          |          |  |
|                      | COMX 140 01 Intro to Visual Rhetoric        | 2        | 7        |  |
|                      | PTC 244 01 Prof Communications Consulting   | 1        | 7        |  |
|                      | PTC 4426W 01 History, Techn & Communic      | 3        | 9        |  |
|                      | T.C. 5426 03 Seminar in Tech, Comm & Cult   | 3        | 1        |  |
|                      | T.C. 5996 01 Thesis/Graduate Project        | 2        | 2        |  |
|                      | WRIT 321W 03 Advanced Technical Writing     | 3        | 20       |  |
| Henrietta Shirk      |   |          |          |  |
|                      | WRIT 322W W3 Advanced Business Writing      | 3        | 18       | X  |
|                      | WRIT 412W 01 Advanced Writing: Documentatio | 3        | 3        |  |
| Henry Gonshak        |   |          |          |  |
|                      | WRIT 101 01 College Writing I               | 3        | 11       |  |
| Jack Crowley         |   |          |          |  |
|                      | WRIT 201 01 College Writing II              | 3        | 15       |  |
| James Tracy          |   |          |          |  |
|                      | WRIT 121 03 Intro To Technical Writing      | 3        | 10       |  |
| John Ray             |   |          |          |  |
|                      | COMX 400 01 Communication Theory            | 3        | 12       |  |
| Justin C Ringsak     |   |          |          |  |
|                      | PTC 2506 01 Webpage Design                  | 3        | 9        |  |
|                      | PTC 2506 02 Webpage Design                  | 3        | 15       |  |
| Karen Sorensen       |   |          |          |  |

# Faculty Analysis Courses Data - Assessment 2015

Core Theme 3, Objective 1 Indicator of Achievement A:

| Instructor               | Course                                   | Credits | Enrolled | Core Theme 1,<br>Objective 2,<br>Indicator of<br>Achievement B:<br>Distance Delivery |
|--------------------------|--|---------|----------|--|
|                          | WRIT 095 CH Developmental Writing        | 3       | 1        | X  |
|                          | WRIT 322W 01 Advanced Business Writing   | 3       | 20       |  |
| Katherine S Eccleston    |  |         |          |  |
|                          | COMX 448 01 Desktop Publishing           | 3       | 16       |  |
|                          | COMX 498 02 Internship                   | 3       | 3        |  |
|                          | T.C. 5056 01 Technical Writing & Editing | 3       | 5        |  |
|                          | WRIT 321W 05 Advanced Technical Writing  | 3       | 20       |  |
|                          | WRIT 350W 01 Technical Editing           | 3       | 7        |  |
| Leighann C Fogerty       |  |         |          |  |
|                          | COMX 115 01 Interpersonal Communication  | 3       | 24       |  |
| Marisa Lee Pedulla       |  |         |          |  |
|                          | T.C. 5160 01 Graduate Writing Seminar    | 1       | 19       |  |
| Michelle Wiseman         |  |         |          |  |
|                          | WRIT 095 02 Developmental Writing        | 3       | 16       |  |
| Nicholas James Hawthorne |  |         |          |  |
|                          | COMX 234 01 Mass Media                   | 3       | 10       |  |
|                          | PTC 1946 01 PTC Freshman Seminar         | 1       | 6        |  |
|                          | PTC 4406 01 New Media Design II          | 3       | 9        |  |
|                          | PTC 4996W 01 Senior Thesis               | 2       | 6        |  |

Nick Hawthorne, MFA  
Assistant Professor of Multimedia Production  
Montana Tech PTC Department  
1300 W. Park St  
Butte, MT 59701

Phone: 406.496.4224  
E-mail: nhawthorne@mtech.edu

### **Education:**

- MFA, Digital Filmmaking, University of Montana (2010).
- BS, Professional and Technical Communications, Montana Tech (2006).

### **Work Experience:**

**MONTANA TECH OF THE UNIVERSITY OF MONTANA – BUTTE, MONTANA**  
**ASSISTANT PROFESSOR: 2012 – PRESENT**

#### **(B.S. – PROFESSIONAL AND TECHNICAL COMMUNICATIONS)**

- Webpage Design (PTC 250). Covers the principles of graphic design, layout and electronic document production.
- Mass Media (COMM 214). Introduction of several media theories and examines both the application of these theories and the impact of the media on society.
- New Media I (PTC 340): Effective use of new media forms while learning professional-level design skills using at least one major production technology.
- New Media II (PTC 440): Continuation of effective use of new media forms while learning professional-level design skills using at least one major production technology.
- Digital Video Production (PTC 315): Combining multimedia techniques of video and sound design.
- Multimedia Production II / LAB (548). This course combines multimedia techniques of video and sound design, web and animation into interactive, career-or-thesis-path portfolio projects.
- Digital Imaging (PTC 288): Focuses on communicating effectively with digital images while learning to create and manipulate images for a variety of media.

**THE UNIVERSITY OF MONTANA – MISSOULA, MONTANA**  
**GRADUATE STUDENT: 2007 – 2010**

#### **(B.F.A. – SCHOOL OF MEDIA ARTS)**

- Introduction to Non-Linear Editing (MAR 112A): Study of the history, process and philosophy of narrative film/video editing and an introduction to Final Cut Pro non-linear editing software.
- Independent Study (MAR 596): Two-term course created solely for a non-traditional student inspired to learn advanced editing techniques in Final Cut Pro.
- Special Projects (MAR 465): Against the grain: The art, history and practice of (Guerilla) American Independent Fiction Film.
- Creative Pulse: College of Visual and Performing Arts. Designed to develop Master Teachers in the Arts, Sciences and Humanities.

### **Publications:**

- Published photo for Google Glass Campaign: 2014
- Published photo for Scott Fly Rods: 2014
- Silver Bow Fire Council Recruitment Video: 2014
- JukinVideo (Viral Videos): 2014
- Ridiculousness (TV Series): 2013
- "Drink the water, you'll grow an extra toe: Butte Water: Is it Safe?" Video Documentary: 2013
- "The Granite Mountain Mine Disaster." Video Documentary: 2012
- *B-Sides*: A short fictional film about a young man who faces the age old question; Can Love Conquer?" (Director, Writer and Producer), 2010.
- *Wednesday's Girl*: With the loss of her friend, Wednesday can't distinguish if the apparitions she is having are real. (Assistant Director), 2009
- *Clock shop*: Fictional film about a horologist who feels there is nothing left for him to give. (Cinematographer), 2009.
- *Aponii Ootukk "Butterfly Spirit"*: Best Drama – Big Island Film Festival; Waikoloa, HI. Culturally inspired film about a young Native American dealing with the death of his father. (Cinematographer), 2009.
- *Socrates Café*: Godard inspired film about a young man who complains about his own life. (Cinematographer), 2008
- *Sam*: College bound; Sam has an awkward relationship with an underage girl that quickly spirals out

- of control. (Camera Operator), 2008
- Ebrio: Best Animation – Humboldt Film Festival; Humboldt County, CA. Split between a stop-motion dream world and real life, a young man tries to find his lost love. (Second Assistant Director), 2008
- Stages: Through the levels of depression, Jim can't face the reality about his recent relationship heartbreak. (Director, Writer and Producer), 2008.
- For The Girl: Attracted to his co- worker, James scrambles together a party at the last minute only to have things go terribly wrong. (Director, Writer and Producer), 2008
- Paper Bag: A situation goes from zero to sixty when a young couple picks up a well-dressed hitchhiker. (Director, Writer and Producer), 2007

### **Professional Registrations and Licenses:**

- Licensed Notary for the State of Montana, Wyoming and North Dakota: 2012 – Present
- Licensed Producer for The State of Montana: 2012 - Present

### **Administrative Appointments:**

#### **MONTANA TECH THE UNIVERSITY OF MONTANA**

- Professional and Technical Communication Department Chair: 2015
- Curriculum Review Committee (CRC): 2012 - Present
- Web Guidedance Committee: 2012 - Present
- Web & Social Media Developer Committee: 2012
- New Media Club Mentor: 2012

### **Service:**

- The University of Montana: 2007 – 2010
  - o Admissions Committee for undergraduates applying for the Media Arts Major.
- Mariah's Challenge
  - o Videographer for award acceptance ceremony.
  - o Video footage was used for 2012 CNN's Heroes.
- The Missoula Film Society: 2009 – 2012
- The Richest Hill on Earth: 2003 – 2004
  - o Camera and sound operator for a behind the scenes look at The Richest Hill on Earth.
- Missoula, Montana – After School Safari Program: 2010
  - o Instructed middle school children on effective ways to interview human subjects using camera, lighting and sound equipment.
- Butte, Montana – Big Hole Watershed Committee: 2003
  - o Filmed public hearings for committee members of the Big Hole Watershed Committee.

### **Honors and Awards:**

#### **MONTANA TECH OF THE UNIVERSITY OF MONTANA: 2013**

- Seed Grant Recipient: 2014
- Certificate of recognition as a Montana Tech Author

### **Undergraduate Research Mentor:**

#### **MONTANA TECH OF THE UNIVERSITY OF MONTANA: 2012 - PRESENT**

- Cole Berg – “Butte Water: Is it Safe?” Video Documentary: 2013
- Mariah Sheble – “Butte Water: Is it Safe?” Video Documentary: 2013
- Jonathan Kershaw – “The Granite Mountain Mine Disaster.” Video Documentary: 2012

### **Undergraduate & Graduation Teaching Assistants**

#### **UNIVERSITY OF MONTANA:**

- Cason Nile, BFA Digital Filmmaking, 2010
- Chris Thueson, BFA, Digital Filmmaking, 2009
- Boni Roberts, MFA, Digital Filmmaking, 2011

Chad M. Okrusch, Ph.D.  
(406) 498-2205 / (406) 496-4577  
Cokrusch@mtech.edu

## EDUCATION

**University of Oregon, Eugene, Oregon**

Ph.D., communication & society

**Montana Tech of The University of Montana, Butte, Montana**

M.S., technical communication

B.S., society and technology studies

## TEACHING EXPERIENCE

**Montana Tech of The University of Montana, Butte, Montana**

2005-2015      professional ethics  
intercultural communication  
graduate seminar  
usability testing  
digital imaging  
visual communication  
senior thesis  
honors freshman seminar  
senior seminar  
web design  
technology & society  
technology, communication, & culture

## PROFESSIONAL EXPERIENCE

2015-2016      tenured associate professor, communication & media studies  
2014-2015      department chair, Technical Communication Department  
Montana Tech;  
chair, Montana Tech Faculty Senate  
2013-2014      tenured associate professor, communication & media studies  
Technical Communication Department, Montana Tech  
2011-2013      associate professor, communication & media studies  
Technical Communication Department, Montana Tech  
2010-2012      interim chair, Technical Communication Department,  
Montana  
2008-2011      owner / project manager, Encanto Communication, LLC  
2005-2011      assistant professor, communication & media studies,  
Technical Communication Department, Montana Tech

## **RESEARCH INTERESTS**

Intercultural communication, environmental problem solving, US-China relations, public participation in environmental decision-making, environmental history, usability, pragmatism, communication ethics, ethics of care, water

## **PRESENTATIONS & PUBLICATIONS**

### **Panels, Presentations, Keynotes, Newspaper & Radio Commentaries,**

“The EPA Should Work With Us, Not Against Us” Montana Public Radio (MTPR) Evening Edition commentary aired on KUFM and affiliate stations throughout Montana (April 12, 2012)

“Your Comments Needed: A Rare Opportunity for Participation in the Restoration of Silver Bow Creek” Editorial published in the Montana Standard (March 20, 2012)

“A Rare Opportunity for Meaningful Participation” MTPR Evening Edition commentary aired on KUFM and affiliate stations throughout Montana (March 16, 2012)

“Wade-in, Pay Attention, and Learn” MTPR Evening Edition commentary aired on KUFM and affiliate stations throughout Montana (February 16, 2012)

“Environmental History & Justice in Photography & Song” keynote address with Matt Vincent and Pat Williams delivered at the Montana Policy Institute Conference in Butte, MT (January 2012)

“Communication, Compassion, and Vulnerable Populations” presented at Montana State ASPIRE conference in Helena, MT (February 2009)

“Moral Character & Liberal Democracy: Desperately Seeking Dewey’s Great Community” presented at The Oxford Roundtable in Oxford, England (August 2007)

“A Moral Argument for Place-based Learning” presented at Clark Fork Watershed Education Project’s Summer Science Academy in Butte, MT (June 2006)

“Exploring New Historical Landscapes: Critically Interrogating Hard-used Places” presented at The Montana Heritage Project’s Summer Conference for Place-based Learning in Butte, MT (June 2006)

“From Dead River to Living Democracy: Watershed Education as a Means of Social & Ecological Renewal in the Nation’s Largest Superfund Complex” presented at the Making Ethics Visible Conference in St. Paul, MN (May 2006)

“Care as a Virtue for Journalists” with Linda Steiner (Rutgers) presented at the Journal of Mass Media Ethics Colloquium in Eugene, OR (May 2005)

“An Integral Approach to Ethics of Care and Justice” to be presented at the Journal of Mass Media Ethics Colloquium in Eugene, OR (February 2005)

“The Ecological Implications of Media Ecology?” presented at National Communication Association (NCA) in Chicago, IL (November 2004)

“Visualizing Class in Front-page News Photography” presented at the Association for Education in Journalism and Mass Communication (AEJMC) in Toronto (August 2004)

“Visualizing Complexity” presented at Viscom 18 in Monterey, CA (June 2004)

“Ecology and Media Ecology: Exploring an Intellectual Ecotone” accepted to Media Ecology Association (MEA) in Rochester, NY (June 2004)

“Artistic Resistance to Global Oil in a Montana Mining Town” presented at Union for Democratic Communication (UDC) in St. Louis, MO (June 2004)

“Mythic Visions of Toxic Landscapes: Industrial Imagination and Ecological Reality in Butte, Montana” presented at Viscom 17 in Sandpoint, ID (June 2003)

“The Klamath Water Wars: A Critical Assessment of Newspaper Coverage in the Klamath Basin” presented at the 4<sup>th</sup> Annual Environmental Joint Campus Conference in Corvallis, OR (May, 2002)

“Bioregionalism & Organical Design: Communicating Toxic Landscapes with New media Technologies” presented at the Holistic Options for Planet Earth Sustainability (HOPES) in Eugene, OR (October 2001)

### **Books, Music, and Academic Journals**

Vincent, Matt & Okrusch, Chad. (February 2011). *Butte: Then & Now*. San Jose, CA: Arcadia Publishing.

Okrusch, Chad. (2010). “Pragmatism & Environmental Problem-Solving: A Systematic Moral Analysis of Democratic Decision-making in Butte, Montana.” Doctoral dissertation. University of Oregon.

Okrusch, Chad. (2008). *Wisdom Road* (music CD). Butte, MT: Encanto

Steiner, Linda & Okrusch, Chad. (2006). “Care as a Virtue for Journalists.” *Journal of Mass Media Ethics*. Vol. 21, Nos. 2&3.

Newton, Dunleavy, Okrusch, & Martinez. (2004). “Picturing Class: Mining the Field of Front-page Photographs for Keys to Accidental Communities of Memory” in Heider, Don (ed.) *Class and News*. Lanham, MD: Rowman & Littlefield.

Okrusch, Chad. (Fall 2002). “Meditations on Freshwater, Ethics, & Bull Trout.” *The Ecotone: The Journal of Environmental Studies*, University of Oregon.

Okrusch, Chad. (Spring 2002). “Critically Engaging Environmental News.” *The Ecotone: The Journal of Environmental Studies*, University of Oregon.

### **HONORS & AWARDS**

|      |   |
|------|---|
| 2013 | Rose and Anna M. Busch Faculty Achievement Award                          |
| 2011 | Montana Tech Campus Corps Excellence in Service-learning Award            |
| 2008 | Moving Mountains through Prevention Award                                 |
|      | Rose and Anna M. Busch Faculty Achievement Award                          |
| 2004 | Kappa Tau Alpha National Honor Society in Journalism & Mass Communication |

### **PROFESSIONAL AFFILIATIONS**

- Technical Communication Network (founder)



- National Communication Association (NCA)

## **SERVICE**

### **The Academy**

|              |  |
|--------------|--|
| 2014-2015    | chair, Montana Tech faculty senate                                 |
| 2013-2015    | Montana Tech faculty senate, TC senator                            |
| 2012         | chair, New Media faculty hiring committee                          |
| 2012         | hiring committee, visiting Writing instructor                      |
| 2010-12      | Montana Tech Graduate Council                                      |
| 2010-12      | Montana Tech General Education Committee                           |
| 2010-12      | interim chair, TC Department                                       |
| 2010         | hiring committee, CFWEP, Communications Director                   |
| 2010-present | guest lecturer, IH/OSH senior seminar (ethics)                     |
| 2009         | chair, Rose and Anna Busch Faculty Achievement Award committee     |
| 2008-present | advisor, KMSM campus radio station                                 |
| 2007-2011    | MUS General Education Council                                      |
| 2007-2010    | advisor, TC Solutions  |
| 2007         | panel moderator, Watershed & Divides, Public Policy Forum          |
| 2007         | hiring committee, Career Services, Program Coordinator             |
| 2007         | hiring committee, Career Services, Internship Coordinator          |
| 2007         | panel moderator, Oxford Roundtable, Oxford England                 |
| 2007         | panel moderator, HB610 for Helena Civic Television, Butte, Montana |

### **The Community**

|              |  |
|--------------|--|
| 2012-2013    | organizer, Montana Tech World Party  |
| 2012-2013    | organizer/founder, Tech Folk   |
| 2010-2012    | campaign manager/communication director, successful Matt Vincent for Chief Executive 2012 campaign |
| 2009-present | Butte NRD Restoration Council (BNRC) member  |
| 2008-2010    | Mining City Marauders head girls soccer coach  |
| 2007-present | board of directors, Mariah's Challenge   |
| 2007-2009    | organizer, Celebration of World Cultures Dinner  |
| 2006-2011    | organizer/founder, Tech Unplugged  |
| 2005-2009    | leadership council, Clark Fork Watershed Education Project   |
| 2004-2006    | executive board member, Camas Education Network  |
| 2002         | assistant soccer coach, Kidsports  |
| 2001-2004    | freestone council member, Big Hole River Foundation  |
| 1999-2000    | youth soccer coach, Butte YMCA   |
| 1998-1999    | technology workshop leader, Butte Widowed Persons Group  |
| 1998         | volunteer, Expanding Your Horizons conference for K-12 girls                                       |
| 1997-1998    | judge, Montana Tech Regional Science & Engineering Fair  |
| 1996-2000    | executive board member, Big Hole River Foundation  |

**Pat Munday, PhD**  
Professor of Science & Technology Studies  
Technical Communication Department  
Montana Tech  
Butte MT 59701

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### **Education**

- PhD Cornell University, History and Philosophy of Science and Technology, 1990
- MA Cornell University, History, 1987
- Non-degree *Universität Hamburg, Institut für Geschichte der Naturwissenschaften, Mathematik und Technik*, 1988-89
- MS Rensselaer Polytechnic Institute, Science, Technology and Values, 1981
- BS Drexel University, Engineering and Humanities (double major), 1978

### **Current Research**

Semiotics of the qipao, women's liberation, and nationalism in China during the 1930s; Performing food as foreign culture in 20<sup>th</sup> century America; Shadowy marketing: the semiotics of Apple's iPod silhouette advertisements.

### **Work Experience**

**Montana Tech**, 1990-date. Technical Communication Department (formerly Society & Technology Program).

#### **Selected Montana Tech Courses**

- History of Western Civilization (HSTR 101, 102); web-based courses
- Technology & Society (STS201); taught in both lecture/discussion format and as film class
- Professional Ethics (HSS337); taught as both a conventional classroom and web-based course
- Politics of Technical Decisions (STS359W)
- Technology, Communication, & Culture (PTC 442W/TC 542)
- Nature & Environmental Writing (WRIT 412W/TC 595)
- Research Methods (qualitative half of course; TC 561)

#### **Cornell University**, 1986-93

- 1992,93 (summer): Politics of Technical Decisions (STS415/CRP541/GOVT628)
- 1988-90: Freshman Writing Courses in History Department
- 1986-9: General Chemistry. Cornell University Department of Chemistry. Teaching assistant, laboratory instructor, and occasionally as summer course lecturer.

**Southwest University (Chongqing China)**, Feb.-July 2012: Technology & American Culture (pre-graduate elite minority class); U.S. Environmental History (graduate history class)

### **Professional Affiliations**

- Society for the History of Technology " Conference on Communication & Environment
- Semiotics Society of America " American Society for Environmental History

### **Selected Honor & Awards**

- 2014-15 AY. Sabbatical award to research and write 6 manuscripts on various topics.
- 2012. Fulbright Scholar Award with Southwest University in Chongqing, China.
- 2007-09. National Science Foundation award from Science & Society Scholar Program to study the social history of America's largest Superfund site.
- 2006; 2008. Selected participant in NSF-funded New England Workshop on Science & Social Change.
- 2006-07 AY. Sabbatical award to research citizen involvement in shaping Superfund decisions.
- 1998-99 AY. Sabbatical award to research and write *Montana's Last Best River* (2001).
- 1994. "Liebig-Wöhler-Freundschafts Preis," for original scholarship in the history of German chemistry.
- 1987-88. Fulbright Scholar Award with *Institut für Geschichte der Naturwissenschaft*, Hamburg, Germany.

### **Selected Publications**

- 2015 (in press). "Mining Cultures and Mary Cults: The Cultural Construction of a Shrine in Butte, Montana." *Technology and Culture*.
- 2015 (in press). "The Frontier Myth in American History." *Humanities International*.

- 2013. "Thinking through Ravens: Human Hunters, Wolf-birds, and Embodied Communication," in Emily Plec, editor, *Perspectives on Human-Animal Communication: Internatural Communication* (Routledge Communication Series): 206-225.
- 2013. "The Na'vi as Spiritual Hunters: a semiotic exploration," in Bron Taylor, editor, *Opening Pandora's Film* (WLU University Press): 161-180.
- 2011. "Environmental Protection Agency," entry in *Green Culture: An A-to-Z Guide* (Sage Publications): 157-158.
- 2009. "The Role of Environmental Communication in Shaping Remedy at America's Largest Superfund Site," *Proceedings of the 10th Annual Conference on Communication and the Environment*.
- 2004. "History of Science," entry in *New Dictionary of the History of Ideas* (Scribner's Sons).
- 2002. "'A millionaire couldn't buy a piece of water as good:' George Grant & the Conservation of the Big Hole Watershed," *Montana Magazine of Western History* 52: 20-37.
- 2001. *Montana's Last Best River: The Big Hole and its People* (Lyons Press).
- 1998. "Politics by Other Means: Justus von Liebig and the German translation of John Stuart Mill's *Logic*," *British Journal for the History of Science* 31: 403-18.

### **Selected Papers & Presentations**

- 2014. Invited lecturer, "Citizen Participation in Superfund: Lessons from America's Largest Superfund Site." Tulane Environmental Law Summit, Environmental Law Program at Tulane University, New Orleans.
- 2012. Invited lecturer. "The Environmental Protest Movement in 20th Century America." Xiamen University.
- 2012. Led Chinese NGO roundtable discussion as host speaker with: Zhang Lifan (Green Point Youth Environmental Education Center); Li Fenglian (Wildlife Conservation Society); Liu Lican (International Center for Communications Development); Li Yuting (Qichuang Social Work Service Center); and Aki Liao (Inno Community Development Organization). Hosted by the U.S. Consulate in Guangzhou.

### **Selected Graduate Committees Chaired**

- 2016 (April scheduled defense). Chen Shihua Brazill, MS thesis, "Improving Translation Quality by Incorporating Cultural Sensitivity."
- 2014. Anna Nelson Shaw, MS thesis, "Knowledge, biopower, and subjectivities at the media-policy interface: A study of climate change discourses in Montana"
- 2014. Marisa Larson, MS thesis, "Iconic Multimodal Communication: A case study of Apple's iPod Silhouette Ad Campaign."
- 2013. Kehli Kankelborg Hazlett, MS thesis, "Foodways of Butte, Montana."
- 2011. Stacie Barry, PhD dissertation, "Coming to the Surface: The Environment, Health, and Culture in Butte, Montana from 1950 to 2010." University of Montana Interdisciplinary PhD Program.
- Roberta Stauffer, MSTC (1998), "The Treasure Hunters." A multimedia production for the Berkeley PitWatch Committee, an educational module for grade school children about the history of and environmental problems caused by a large abandoned open-pit copper mine.

### **Selected Service**

- 2012-date. Executive board member, Mai Wah Society, a 501(c)(3) not-for-profit organization established for educational and charitable purposes, including research and public education about the history, culture, and conditions of Asian people in the Rocky Mountain West. Elected president 2015-16.
- Summer 2015. Scheduled historical and environmental tours and acted as cultural liaison for visiting faculty from 4 Chinese universities interested in building partnerships with Montana Tech.
- 2012-14. Department Head, Technical Communication Department, Montana Tech.
- 2004-13: Montana Tech Faculty Association, various capacities incl. officer, steward, and lead negotiator.
- 1996-2005. Executive board member, George Grant Chapter of Trout Unlimited. President 2002-03. Wrote successful grant applications for \$43,846 (2002) and \$36,900 (2004) and \$1,093,255 (2005) for restoration plan of German Gulch Creek, a major tributary of Silver Bow Creek in the Upper Clark Fork River Superfund site.
- 1998-2002. Governor's appointee to the inaugural Upper Clark Fork Basin Remediation and Restoration Education Advisory Council. Chair, Education Subcommittee.

## **Katherine S. Eccleston**

Instructor II

Department of Professional & Technical Communication

### **Education:**

|             |   |                         |
|-------------|---|-------------------------|
| B.S. (1989) | Montana College of Mineral Science & Technology | Society & Technology    |
| M.S. (1999) | Montana Tech of the University of Montana       | Technical Communication |

### **Work Experience:**

|  |  |
|--|--|
| Montana Tech   | Instructor II (2015-present)   |
| Montana Tech   | Instructor I (2012-2015)   |
| Montana Tech   | Visiting Instructor I (2011-2012)  |
| Montana Tech   | Visiting Assistant Professor (2007-2011)   |
| Montana Bureau of Mines & Geology<br>Tech  | Editorial Assistant (2006-2007) Montana<br>Visiting Assistant Professor (2003-2005)  |
| VLC, Inc.<br>Anaconda-Deer Lodge County<br>Anaconda-Deer Lodge County<br>MSE, Inc. | Senior Technical Writer (1999-2003))<br>Special Projects Coordinator (1996-1999)<br>Historic Preservation Officer (1995-1996)<br>Technical Writer/Editor (1990-1996) |
| Montana Tech   | Adjunct Instructor (1994, 1995)  |
| Fluor Daniel, Inc.<br>Camp, Dresser, & McKee                                       | Community Relations Liaison Contract (1990-1991)<br>Community Relations Liaison Contract (1988-1989)   |

### **Professional Affiliations:**

Northwest Communication Association (NWCA) Association of  
Teachers of Technical Writing (ATTW)  
Council for Programs in Technical and Scientific Communication (CPTSC)

### **Presentations/Publications:**

An emerging case study in the preservation of institutional memory in civic discourse, pending panel presentation,  
2016 ATTW Conference, Houston, Texas

A Conversation About Student Peer Reviews, 2014 NWCA Conference, Coeur d'Alene, Idaho, K. Eccleston, B.  
Watts

From Problem to Product: Real World Technical Communication Solutions, 2013 NWCA Conference, Coeur d'Alene,  
Idaho, K. Eccleston, P. McGarvey, J. Wick, C. Berg, A. Briggs, & K. Lester

Developing and implementing a new first-year college writing course: Introduction to Technical Writing, an  
alternative for STEM students, 2012 NWCA Conference, Coeur d'Alene, Idaho, K. Eccleston, H. Shearer, D.  
Thé, & B. Watts

Recruitment and Retention without a Budget, CPTSC 2010 Conference, Boise, ID, K. Eccleston, & H. Shearer

Co-editor *Geologic Map of Montana Booklet*, Montana Bureau of Mines and Geology, GM 62, 2007

### **Graduate Committees:**

#### **Committee Chair**

Paula McGarvey, Technical Communication 2013 Jackie  
Dumkee, Technical Communication 2010 Laci  
Dunfee, Technical Communication 2010 Jenelle  
Stokken, Technical Communication 2009

## Committee Member

Kelley Christiansen, Technical Communication (pending 2016) Jacob  
Havlovick, Industrial Hygiene 2015  
Ruslan Bukenov, Metallurgical Engineering 2015 Marisa  
Larson, Technical Communication 2014 Antony  
Campeau, Technical Communication 2013 Kehli  
Hazlett, Technical Communication 2013  
Jon Wick, Technical Communication 2012 Kristopher  
Hutchins, Industrial Hygiene 2010 Jamie McCallom,  
Technical Communication 2006  
Annette Kankelborg, Technical Communication 2005

## Service:

### To Campus

Interim Writing Director, Montana Tech, AY2012-13  
Assistant to Writing Director, Montana Tech, AY2011-12, AY2013-present  
Program support and instructor liaison Butte and Anaconda High JumpStart Program, 2012-present Moodle Direct  
Turnitin Campus Administrator, Orientation and Training support, Montana Tech and  
Highlands College, Fall 2014-Spring 2016.

### To Community

Upper Clark Fork River Basin Remediation and Restoration Advisory Council Butte-Silver  
Bow/Anaconda-Deer Lodge Greenway Authority Board of Directors  
Collaborative, cross-disciplinary grant project team initial review and evaluation of inspection procedures and  
documentation, funded by the Montana Board of Oil and Gas Conservation.

**Dr. Glen Southergill**

Assistant Professor

Department of Professional and Technical Communication

**Education:**

Ph.D. Rhetorics, Communication, & Information Design. Clemson U. (2014)

M.A. Professional Communication, with concentration in Digital Publishing. Clemson U. (2010)

B.S. Psychology. U. Arizona.

**Work Experience:**

*Montana Tech of the University of Montana*

Assistant Professor of Professional and Technical Communication (2014-Present)

*Clemson University*

Graduate Assistant (2008-2014)

Assistant University Writing Center & Fellows Director (2012-2014)

Graduate Instructor of Record (2009-2012)

Assistant Director, Usability Testing Facility (Summer 2011)

User Experience Researcher, Creative Services (Summer 2010 and Summer 2011)

Research Assistant, Center for Academic Integrity (Summer 2009)

Writing Center Tutor (2008-2009)

**Professional Affiliations:**

American Association of University Professors (AAUP) (2015-Present)

Association of Teachers of Technical Writing (ATTW) (2012-Present)

Conference on College Composition and Communication (NCTE) (2010-Present)

Special Interest Groups: Rhetoric & Religion (Inaugural Member); Kenneth Burke

Kenneth Burke Society (2011-Present)

Rocky Mountain Modern Language Association (2009-Present)

Rhetoric Society of America (2008-Present)

Society for Scholarly Publishing (2015-Present)

**Honors and Awards:**

Rose and Anna Busch Award Nominee, Montana Tech of the University of Montana (2014)

Faculty Impact Recognition by Digger Athletics, Montana Tech of the University of Montana (2014)

Positive Teaching Impact Recognition, Clemson Residential Life (2010-2012)

**Funded Grants:**

Faculty Development Grant, Montana Tech of the University of Montana (2014)

Travel Grant, Clemson University College of Arts, Architecture, and Humanities (2013)

Personal Enrichment Grant, Clemson University Graduate School (2013)

**Publications:**

"On The Making of *A Butte Nugget of History: Instructor Reflection and Materials*." *The Journal of Undergraduate Multimedia Projects*. [Accepted].

"A Review of *Walter Benjamin: Images, the Creaturely, and the Holy* by Sigrid Weigel." *Itineration: Cross-Disciplinary Studies in Rhetoric, Media, and Culture*. (2016).

"Game Over: A Response to *Facechange*." *The Journal for Undergraduate Multimedia*

*Projects*. (2014) <http://jump.dwrl.utexas.edu/>.  
“W.6 Sound Teaching: Bringing Music and Audio into the Composition Classroom [A Conference on College Composition and Communication Workshop Review].”  
*Kairos*wiki - *Kairos: A Journal of Rhetoric, Technology, and Pedagogy* 16.1 (Fall 2011).  
<http://kairos.technorhetoric.net/pmwiki/pmwiki.php>.

**Graduate Committees:**

*University of Montana*

Individualized Interdisciplinary Doctoral Committees  
Chris Roos, Member (in-progress)

*Montana Tech*

MS-TC Thesis/Project Committees  
Cullen Gilbreath, Chair (in-progress)  
Shua Chen, Member (in-progress)  
Tim Lewis, Member (in-progress)

**Service:**

*National*

Associate Editor, *KB Journal* (2013 -present). <http://kbjournal.org>  
Roundtable Facilitator, *Research Network Forum at the Conference on College Composition and Communication* (2015 & 2016).  
Editorial Collective, *Journal of Undergraduate Multimedia Projects* (2010-Present). <http://jump.dwrl.utexas.edu/>  
Reviewer, *Harlot of the Arts* (2009-2014). <http://www.harlotofthearts.org>  
Student Delegate-At-Large, Rocky Mountain Modern Language Association (2009-2011). Also served on the Fundraising and Graduate Student Forum Committees, and reviewer for Huntington Award and Faculty Convention Travel Grants.

*University and Department*

*Montana Tech of the University of Montana*

Faculty Senate, Senator (2015-Present).  
Faculty Writing Group, Founder and Coordinator (2014-Present)  
Institutional Committees  
Committee on Student Retention, Member (2014-2015)  
Subcommittee for Defining Gateway Courses (2014)  
E-Learning Advisory, Member (2014-Present)  
Subcommittee on Best Practices (2015-Present)  
International Games Day @ Your Library Task Force (2015)  
Mining and Industry Safety Capital Campaign (2014)  
Tim Lewis, Member (in-progress)  
Montana Tech Faculty Association (MEA-MFT Local #7730)  
Coalition of Union Faculty Representative (2016)  
Representative Assembly (2015 & 2016)  
Secretary (2015-Present)  
Student Organization Faculty Advisorships  
Students Against Violent Environments (2015-Present)  
Gamers United (2015)  
League of Legends, Montana Tech Team (2015-Present)

*Clemson University*

Taskforce Manager, Online Student Support Audit for Tutoring (2014)  
Student Representative, RCID Program Advisory Committee (2013-2014)  
Evaluator, Clemson Graduate School Personal Enrichment Grant Service  
(2013)  
Student Representative, College of AAH Dean's Advisory Council (2012-  
2013)  
Also initiated and served on the Task Force for Graduate Student  
Summer Assistantships with Associate Dean Akel Kahera  
Proposal Co-Author, Rhetoric Society of America Graduate Student  
Webinar (2012). Also served as Twitter Discussion Facilitator.  
Programming Committee Chair, Carolina Rhetoric Conference (2012)

*Community*

*Butte Silver-Bow, Montana*

Ad Hoc Scenic Drive Committee, Chair (2014-Present)  
Butte High School Speech and Debate, Judge (2014-Present)  
Experience Advisor for "The Imprisoned," *InsideMT* (2014-2015):  
[http://www.toursparkle.com/games/Prison\\_Test/index.html#construction\\_of\\_the\\_prison](http://www.toursparkle.com/games/Prison_Test/index.html#construction_of_the_prison)

*Tempe, Arizona*

Community Volunteer, Sally Ride Science Festival (2002-2005)  
Community Third Reader, Barrett The Honors College of Arizona State  
University Senior Thesis Defense (2002-2005)



**DR. KAREN SORENSEN**

*Writing Director and Associate Professor  
Professional and Technical Communication  
Phone: (406) 496-4776 • Email: ksorensen@mtech.edu*

**Education**

- Ph.D. Rhetoric, Writing, and Culture; North Dakota State University, 2013 M.A.  
English (Composition Emphasis); North Dakota State University, 2000
- B.A. English (Writing Track), Cum Laude; Minnesota State University Moorhead, 1993

**Work Experience**

- Montana Tech Writing Director and Associate Professor (2015--present)
- Montana Tech Writing Director and Assistant Professor (2013--2015) North
- Dakota State University Graduate Teaching Fellow (2009--2013)
- Concordia Language Villages Project Manager (2008--2009) Concordia
- Language Villages Publications Manager (2006--2008)
- Concordia Language Villages Public Relations Coordinator (2004--2006)

**Professional Affiliations**

- Council of Writing Program Administrators
- Rhetoric Society of America
- Association for the Rhetoric of Science and Technology

**Honors and Awards**

- Outstanding Graduate Teacher Award, NDSU English Department (2013) Rooney
- Scholarship Recipient, NDSU English Department (2012)
- Student Feature on NDSU Homepage, Selected to Promote the Graduate School (2011)
- Sigma Tau Delta, International English Academic Honor Society (2010)
- Phi Kappa Phi, International Academic Honor Society—4.0 GPA (2010) “Addy”
- Award, Silver, for Concordia Language Villages Annual Report (2009)
- Citation of Excellence Award, Concordia Language Villages (2009)
- “Addy” Award, Silver, for Concordia Language Villages Annual Report (2006)

**Funded Grants**

- Montana Tech, New Faculty Seed Grant. \$2000 (2015)
- Montana Tech, Faculty Initiative Grant. \$5000 (2015)
- Dorothy Day House, \$500 (2013); student written
- State of North Dakota, Artist in Residence Grant, \$1000, (2012); student written Fargo
- Marathon, Upward Bound at NDSU, \$4000 (2012); student written
- ND Fresh Fruit and Vegetable Program, Fessenden--Bowdon School, \$4350 (2012); student written West
- Central Initiatives, Domestic Abuse Education Program, \$4400 (2011); student written

## Publications

- Sorensen, Karen. *Cosmos and the Rhetoric of Science Fiction*. Lanham, MD: Lexington, 2016 (projected).
- Sorensen, Karen and Andrew Mara. "Booktubers as a Networked Knowledge Community." *Emerging Pedagogies in the Networked Knowledge Society: Practices Integrating Social Media and Globalization*. Ed. Marohang Limbu and Binod Gurung. Hershey, PA: IGI Global, 2013.
- Sorensen, Karen, Steven Hammer, and Bruce Maylath. "Synchronous and Asynchronous Online International Collaboration: The Trans--Atlantic & Pacific Project." *Connexions* 2.2 (2015).

## Graduate Committees

### June Mohler

*Interdisciplinary Masters Program: Bio, Chem, Environment, Stats*

Anticipated graduation: 2017

Committee Chair: Doug Cameron

### Kelley Christensen

*MS in Technical Communication.*

Anticipated Graduation: 2016

Committee Chair: Karen Sorensen

### Katie Harris

*MS in Technical Communication.*

Anticipated Graduation: 2016

Committee Chair: Chad Okrusch

### Ana Nelson Shaw

*MS in Technical Communication.*

Graduated: 2014

Committee Chair: Pat Munday

Thesis title: "Science, Media, and Policy Connections at the State Government Level: A Multidisciplinary Analysis Using a Climate Change Case Study in Montana."

## Service

Director, Writing Program (2013--present)

- *Centralization of Institutional Functions*
- *Institutional Memory Initiative*
- *Consistency in Rubrics and Grading*
- *Teaching Circles*
- *Course Outcomes*
- *Curriculum Revitalization and Focus*
- *Writing Course Assessment Initiative*

Assessment Committee, Montana Tech (2014--present) General

Education Committee, Montana Tech (2014--present)

Placement Workgroup State Committee (2015--present)

Peer Reviewer, article for *BOOK HISTORY*; editor: Greg Barnhisel, Duquesne University (2015)

Search Committee chair (two visiting writing instructors, PTC department; hires: Ann Staton and Dawn Atkinson) spring 2014

Search Committee (assistant professor tasked with converting PTC master's program to an online format; hire: Glen Southergill) AY 13--14

Peer Reviewer, Conference Submission Review (Association for the Rhetoric of Science and Technology), National Communication Association Conference (2014)