“Utilize Online Tools And Sound Learning Science To Improve The Student Writing And Analysis Process”

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HELLO!

Who we are:

**Jane Sutterlin**
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**Fritz Kessler**
Teaching Professor
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I am here because I love to create engaging learning experiences for students.

I am here because I love to teach...
Cartography, GeoSpatial Statistics, Map Projections, Medical Geography
Freshman Seminar Concept

Our goal is to:

*Build student academic confidence and prepare students for the rigors of college*
EMSC 100 Course Vision

Project Topic Ideation

Data Collection and Formatting

Data Analysis

Presentation

Outcome Skills
- Practice
- Objective
- Curious
- Being Critical
Fall 2019 Activities

- Scientific Writing and Discussion
- “Medical Minute”
- Weekly Reflection Statements
  - Anti-vaccine movement
  - End of life decisions
- In-class exercises
  - Hand washing experiment
  - Pandemic
- Learned Spatial Statistics (GeoDa)
- Final Project Presentation
- Guest speakers
Fall 2020 Activities

- Hybrid mode
- Scientific Writing and Breakout Sessions
- “Medical Minute”
- Making Connections
- Develop a StoryMap
- In-class workshops (ArcGIS Online / Esri StoryMaps (Link))
- Peer-review (intro to critique)
- Final Project Presentation
- Guest Speakers
Feedback from Fall 2019

Did study strategies change throughout the semester?

- Asked faculty more questions
- More efficient with time management
- Started using flash cards
- Using outside resources, TAs and office hours
- Practiced on my own.
- Started studying earlier
- Started studying more often and with others
- Made my own study guides from notes

YES!

- Happy with my grades
- My strategies were working for me

NO!
Feedback from Fall 2019

What was the most valuable skill(s) you developed?

- Writing scientific papers and presenting effectively
- Improved my writing and communicating information
- How to analyze data and make connections
- Using GeoDa to understand maps and other statistical tools
- Computer skills such as Geocoder
- Creative thinking
- Work ethic to do my best work
- Utilizing online sources to support claims
- Time management
- How to formulate a research question, gather data to support my research question, presentation skills
- Being prepared for quizzes

19 of 21 students said they knew this course material well enough to teach it to a fellow student.
THANKS!

One last question…. What other learning activities could you suggest for this seminar?

Any questions?

You can find us @
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