

Samuel Grant Schneider

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EDUCATION

BACHELOR OF SCIENCE | DEC. 2019 | UNIVERSITY OF WISCONSIN-EAU CLAIRE (UWEC), EAU CLAIRE, WI

Major: Geospatial Analysis & Technologies

Certificates: Geospatial Certificate – Remote Sensing Emphasis, Certificate of Information Systems

Study Abroad – Aberdeen, Scotland Spring 2018

Licenses: FAA Part 107 Commercial License, Expires: July 2021

RESEARCH EXPERIENCE

International Fellows Program (IFP), Lithuania 2018

- Collected GPR data and GPS data for research into Lithuanian Holocaust mass burials, Lithuanian Jewish religious buildings, Lithuanian Hillfort sites, and Curonian Spit sand dunes
- Presented findings to in country partners while abroad to show progress and effectiveness of research

SKILLS & ABILITIES

FIELD WORK SKILLS

- Ground Penetrating Radar (GPR)
- Total Station
- Russian Corer
- Global Positioning Systems (GPS)
- Laser Leveler
- Paleoecology Macro and Micro Fossil Analysis
- UAS/Drone Mapping and Video Flights
- Hiper SR Global Positioning System (GPS)

SOFTWARE SKILLS

- Microsoft Office Package – (Excel, Visio, Access, Visual Studio)- Expert
- LP360- Expert
- Erdas Imagine- Expert
- ECognition- Working
- Adobe Illustrator- Expert
- ESRI AcrGIS Package – (ArcMap, ArcCatalog, ArcCollector, ArcGIS Earth, ArcGIS Pro, etc.)- Expert
- QGIS- Working
- Pix4D- Expert
- EKKO_Project 5- Expert
- GFP_Edit- Expert
- Python Coding- Working
- Visual Basic Coding- Working
- R coding - Working
- HTML/CSS coding - Working

CONFERENCES

Geological Society of America – National Meeting Nov. 2018, Indianapolis, IN

- Main author of poster presentation
 - **SUBSURFACE IMAGING OF THE BILIONIAI HILLFORT, LITHUANIA**
SCHNEIDER, Samuel Grant, JOL, Harry M., ZABIELA, Gintautas², DAUBARAS, Mantas³, BECK, Joseph D.¹, FUERSTENBERG, Madeline Mae⁴ and KOFMAN, Chloe Copeland⁵
- Co-Author of poster presentations
 - **GROUND PENETRATING RADAR SURVEY AT KROŠINSKIŲ MANOR IN ROSKIŠKIS, LITHUANIA**
BECK, Joseph D., SCHNEIDER, Samuel Grant, FUERSTENBERG, Madeline Mae, KOFMAN, Chloe Copeland, JOL, Harry M., FREUND, Richard A., REEDER, Philip P., JAROCKIS, Romas and KUJELIS, Giedrius
 - **GROUND PENETRATING RADAR IMAGING OF THE TRAKAS HOLOCAUST MASS GRAVE, LITHUANIA**
FUERSTENBERG, Madeline Mae, JOL, Harry M., FREUND, Richard A., JAROCKIS, Romas, KUJELIS, Giedrius, REEDER, Philip P., BECK, Joseph D., KOFMAN, Chloe Copeland and SCHNEIDER, Samuel Grant

Batchelder Conference for Biblical Archaeology Nov. 2018, Omaha, NE

- Main author of oral presentation
 - **LOCATING THE FORMER SYNAGOGUE OF ŠEDUVA, LITHUANIA**
SCHNEIDER, Samuel Grant, BECK, Joseph B., FUERSTENBERG, Madeline Mae, KOFMAN, Chloe Copeland, JOL, Harry M., SELIGMAN, Jon, ŠMIGELSKAS, Ramunas, and JAKULYTĖ-VASIL, Milda
- Co-Author of oral presentation
 - **GROUND PENETRATING RADAR SURVEYS FOR THE LITHUANIAN “ANNE FRANK”**
BECK, Joseph D., SCHNEIDER, Samuel Grant, FUERSTENBERG, Madeline Mae, KOFMAN, Chloe Copeland, JOL, Harry M., FREUND, Richard A., REEDER, Philip P., JAROCKIS, Romas, and KUJELIS, Giedrius

FUNDING/AWARDS

Mayo Clinic Foundation Scholarship

- \$3,000 per year awarded to children of Mayo Clinic employees that excel in academics.

Summer Research Experiences for Undergraduates (SREU) Funding - Summer 2018

- \$2,200 funding used to aid in the processing, interpretation, and presentation of GPR data collected in Lithuania over the summer of 2018

International Fellows Program (IFP), Lithuania 2018

- Full funded research trip to Lithuania for 3 weeks, est. \$5,000 per student/\$150,000 whole trip

Office of Research and Sponsored Programs (ORSP) Student-Faculty Collaborative Research

- \$1,200 funding used to aid in a student faculty collaborative research project

ORSP Travel Grant

- \$700 to aid in covering costs involving attending professional conferences

ORSP Travel Grant

- \$300 to aid in covering costs involving attending professional conferences

Simpson Funding

- \$500 to cover costs associated with studying abroad

LEADERSHIP/PROFESSIONAL ORGANIZATIONS

- American Society for Photogrammetry and Remote Sensing (ASPRS) – Member Jan. 2019-Present
- American Association of Geographers (AAG) – Member Sept. 2019-Present
- Geological Society of America (GSA) – Member Sept. 2018-Present
- UWEC Student Advisory Group for Geography and Anthropology (SAGGA) Board Member – Spring 2017-Present
- UWEC Geography and Anthropology Club (GAC) President – Spring 2019

EXPERIENCE

STUDENT ASSISTANT | UWEC EAU CLAIRE, WI | SEPT. 2019 – PRESENT

- Assist students during lab times with questions and difficulties
- Provide feedback and progress updates on lab content for professor
- Mark labs and lab exams to assist professors with grading

INTERN | MICHELS CORPORATION BROWNSVILLE, WI | MAY 201 – PRESENT

- Collect relevant project data to be displayed in platforms for implementation and quality control of projects.
- Analyze data and map services to be improved on for projects.
- Create project deliverables in the form of paper and/or digital maps/services for use during projects.
- Conduct drone/sUAS data collection flights following strict FAA guidelines.

STUDENT RESEARCHER | UWEC EAU CLAIRE, WI | JULY 2018 – PRESENT

- Process and interpret data that was collected during research trip to Lithuania in Summer of 2018
- Prepare material to present at conferences and used to provide updates for international partners.
- Report to a faculty advisor weekly to receive feedback and set goals for the future of the project