Annual Library Faculty Accomplishments, 2021

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I. Individual Goals for Current Year (from Section VI of prior year form)

1. Investigate regular GIS (geographic information systems) and data visualization "drop-in help" service.

    Met. I collected examples of drop-in data help services from other institutions in North Carolina and beyond, including NC State University, UNC Chapel Hill, and the University of Michigan. I also piloted twice-weekly drop-in hours for students of classes in which I did one-shot instruction on GIS and data visualization topics, and for workshop attendees who attended the GIS Day webinar and panel discussion, in addition to offering usual scheduled consultations. Several students and one staff member of the Center for Housing and Community Studies took advantage of the drop-in hours to get help with tools including PolicyMap and QGIS, and with finding and citing data. In the future, I plan to expand outreach beyond one-shot instruction and workshop attendees. Since resources and time are a concern, I also would like to explore the option of training one or more graduate reference interns in GIS and data visualization topics and collaborating with the Data Services Librarian on general data services drop-in help.

2. Develop and publish a research guide for the MS in Informatics & Analytics program.

    Met. I created and published the MSIA guide in Fall 2021, and updated the guide in Spring 2022 when the Informatics & Analytics (IA) department was established. I created a javascript widget for Google Dataset Search to help students search for data sources, adapted the computer science guide's citation guidance and data services citation guidance to create a more comprehensive citation page, and identified reference materials and top databases and websites for each of the three main disciplines within Informatics & Analytics.

3. Coordinate activities and outreach for GIS Day in November 2021.

    Met. I coordinated four activities for GIS Day on November 17th, which covered the full range of asynchronous vs synchronous and virtual vs in-person to give as many students as possible a chance to participate when it was unclear whether coming to events in person was safe or not, due to COVID, and to allow them to pick what worked best for their learning styles and level of burnout with remote learning and socialization.

    The first activity I led was a week-long campus geocaching challenge where students used geographic coordinates and GPS-enabled devices (like their phones or handheld

GPS units) to locate three containers (i.e. "geocaches" or "caches") hidden on campus grounds. Students signed up via a Google Form, and submitted answers to prompts found within each cache. Nine students participated in the challenge and found all three caches. Two of the caches are now live on geocaching.com: [GIS Day Trio #3 - The Tunnels](), [GIS Day Trio #1 - Foust Park]().

    1)   [GIS Day Geocaching Challenge Registration Form]()

In the library reference area, I set up a large-format map that I created using ArcGIS Pro and data from the Campus Facilities GIS Unit, with magnets and a submission form for students to mark and submit their favorite places on campus. I originally intended to submit an IRB proposal and use the data collected in a zine workshop and a display about student's favorite places, but chose to focus on the other three activities and will revisit that idea next year and explore collaborations with the Digital Media Commons and Special Collections and University Archives.

    1)   [Favorite Places Map]()

The third and fourth activities were a workshop, [Getting Started with GIS](), on the 17th as part of the Research & Application Webinars series organized by Sam Harlow, and a [panel discussion with six UNCG GIS users](), including faculty, staff, and graduate students from Geography, Environment, & Sustainability, the University Libraries, and Campus Facilities. I invited each panelist to present about their work with GIS and gave them a set of questions to prepare answers to.

    1)   [Getting Started with GIS Webinar Slides]()
    2)   [Getting Started with GIS Webinar Recording]()
    3)   [GIS at UNCG Panel Slides]()
    4)   [GIS at UNCG Panel Recording]()

For outreach, I designed a digital and physical flyer and social media images, a poster display which was displayed outside the library for the month preceding GIS Day, and custom GIS Day keychains which were made in collaboration with the School of Education's SELF Design Studio. The keychains were an effective method of outreach for future GIS-related events; folks who picked up a keychain at the registration table for the geocaching challenge or in the caches indicated that they were interested in future GIS events at the Libraries and would attend. I also conducted outreach virtually through Twitter and [a post on the UNCG subreddit](), which garnered some interaction and questions from the UNCG community. The [GIS Day registration go-link]() now leads to recordings of the webinar and panel, the GIS LibGuide, and to the live geocaches on geocaching.com.

    1)   [GIS Day Outreach]()
    2)   [GIS Day tweet by @UNCGLib]()

Some more feedback about the GIS Day event:

> "I've never tried geocaching before, but I had so much fun with it. I hope we can do it again next semester"

> "So interesting to hear all of the work and experiences people at UNCG have been bringing to the table"

> "I've always been intimidated by GIS because I didn't really understand the language. but hearing [the panelists] talk about it in a variety of ways and answering some of the "why" questions really helped. Like I always thought of GIS as just being tools, so it was good to hear how it applies to theory and research and practical application."

4. Develop or adapt resources to help library users choose and get started with GIS, data visualization, and other data-related tools

   Met. I created an [ArcGIS at UNCG infographic flyer](#) featured on the [GIS resources guide](#) to help library users learn about the various ArcGIS tools available to them, with a yes/no flowchart to help them determine whether they need a UNCG ArcGIS account. I also created a [Google My Maps guide document](#) to help HIS 392 (The Holocaust: History and Meaning) students create maps for an assignment. I would like to make more resources in the future, especially focused on data visualization tools and techniques.

5. Offer in-class or group instruction sessions to liaison areas and previously visited classes.

   Met. I revisited four classes, LIS 200, LIS 631, GES 432/632/732, GES 367 (previously GES 400), and HIS 392 over fifteen sessions, and did four total sessions for the GES department (see II.D. Teaching & Instructional Activities for more information about those classes). I offered instruction to my other three liaison areas through department-wide start-of-semester emails describing available library services; in future semesters, I'd like to look at the course catalog and reach out directly to instructors of courses involving data visualization, GIS, or research in my liaison areas to offer instruction. I'd also like to reach out to faculty conducting research to offer group instruction sessions for faculty and/or graduate students in GIS and data visualization topics, based on feedback from workshops and research consultations with graduate students.

6. Work through tutorials in GIS, data visualization, data, and other related topics and create a learning portfolio.

   Met. I worked through the Data Carpentries Geospatial Workshop lessons, creating a variety of maps, charts, and r scripts, which I published in a GitHub repository ([ejklein/r-geospatial](#)) and used as an instructor in a two-day Carpentries workshop. I also used several Leaflet and GitHub tutorials to create [my own instance of a Leaflet map](#) using existing code and examples, to try and learn a plugin; I was unsuccessful, but would like to return to this plugin and other tutorials using Leaflet in the future. I created a [bar chart of students' favorite hot chip using Canva](#), and experimented with

other chart types and design styles, summarizing student responses to the weekly Wednesday Whiteboard in front of the reference desk. I also worked through several tutorials in ArcGIS Pro and Story Maps for consultations with students, but did not save output. I would like to work through more tutorials from the Data Carpentries (especially those involving Python) and lessons from Storytelling with Data, and organize my portfolio to be more of a resource that others can use to learn and less of a repository for personal use.

7. Submit proposals to 2 conferences.

Met. Submitted the following two proposals, both of which were accepted:

Crawfishing for data: Using iNaturalist for data literacy instruction, with Megan Carlton. Poster proposal submitted to the 2021 Southeast Data Librarian Symposium (SEDLS) and presented in October 2021.

"I Don't Live to Drain, I Drain to Live": Data Librarian or Energy Vampire?, with Lindsay Gypin. Lightning talk proposal submitted to the 2022 NC LIVE Annual Conference and accepted in February 2022, to be presented in May 2022.
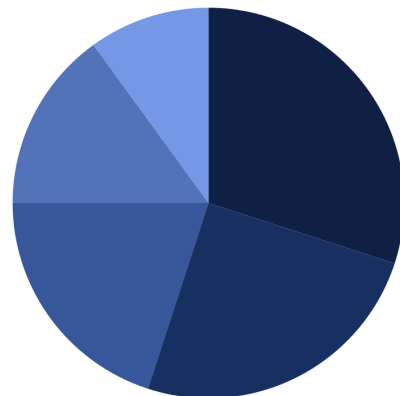
8. Prepare and submit reappointment materials.

Met. I submitted my reappointment materials and was notified by the Dean of the Libraries that my reappointment was accepted in February 2022.

II. Professional Responsibilities & Accomplishments for Current Year

A. Primary Responsibilities

- Service - 30%
- Teaching & Instruction - 25%
- Librarianship - 20%
  - Collections & Outreach - 15%
  - Reference chats, subject guides, other - 40%
  - Consultations - 45%
- Scholarly, Research, & Creative Activities - 15%
- Professional Development - 10%

B. Special Assignments

Not applicable.

C. Accomplishments in Librarianship

Collections & Outreach

Liaison Areas

As a librarian in the Department of Research, Outreach, and Instruction and Liaison to the Department of Geography, Environment & Sustainability (GES) and the Online Masters in Informatics & Analytics Program (MSIA), I work with the Faculty Representative of each of my areas to promote access to library resources. This year, I added the Department of Computer Science (CSC) and the newly-formed Department of Informatics & Analytics (IA) to my liaison areas and began as interim liaison to the Department of Nanoscience (NAN), out of the Joint School of Nanoscience and Nanoengineering (JSNN). After working with faculty in the JSNN and IA to identify new faculty representatives and establish liaison relationships, I selected library materials to order by faculty request using annual departmental budgets ranging from $1,800 to $4,900. I also conduct outreach to faculty, staff, and students in these areas to advertise library resources, services, events, and more. This year, outreach took the form of start-of-semester emails and attendance at various departmental events, like GES colloquia.

GIS & Data Visualization

One of my roles as GIS (short for Geographic Information Systems) and Data Visualization Librarian is to make recommendations for collection development in GIS and data visualization topics and conduct outreach to faculty, staff, and students to facilitate the use of GIS and data visualization in research, instruction, learning, and more. I also facilitate access to databases such as PolicyMap, Social Explorer, and SimplyAnalytics, for example through outreach to SimplyAnalytics representatives to increase the number of digital "seats" beyond our limit of three for classes like LIS 631 and GES 432/632/732, or through coordinating training sessions for librarians, faculty, and library interns. I coordinated two training sessions on PolicyMap and Social Explorer which were delivered by database representatives in March 2022, and which helped us learn about and use new database features and instruction aids.

Love Data Week

Data Services Librarian Lindsay Gypin and I took advantage of the Inter-university Consortium for Political and Social Research (ICPSR) Love Data Week to conduct outreach on library data services, resources, and other events. We developed a week of social media posts for the University Libraries social media; I created images using Canva and Adobe Photoshop, and put together body text for the posts.

1) [#lovedataweek tweets by @UNCGLib Twitter](#)

Consultations

In addition to thirty-two consultations I did with folks from my liaison areas on research, library resources, and information literacy topics, I also conducted twenty consultations on GIS and data visualization topics and broader data topics, including:

- Using ArcMap, ArcGIS Pro, ArcGIS Online, and ArcGIS Story Maps
- Data visualization type and tool recommendations for specific projects
- Using historic maps and other images in story maps using StoryMap JS
- Sources of topical data
- Geocoding addresses and preparing data for geospatial analysis or other data visualization

The majority of the folks who consulted with me (69%) were graduate students; 18% were undergraduate students, 7% were faculty, and 6% were staff or other members of the UNCG community. 63% of the consultations I did were for a specific class or class assignment; I'd like to see more GIS and data visualization consultations related to research outside of the classroom in future semesters.

Reference

This year, I staffed over 100 hours on the virtual reference chat and covered several hours on the reference desk, helping 35 patrons in-person, via chat, or via email. The majority (51%) of my reference interactions were via chat; 40% were in-person at the reference desk, and the remaining 9% were via email.

D. Teaching & Instructional Activities

Mentoring/Independent Study

McNair Scholar: Leo McIvey (January 2022 – Present). Topic: seasonal changes in common shrew skull size and body mass.

As the library mentor of undergraduate McNair Scholar Leo McIvey, I provide research support and access to library resources through biweekly meetings and consultations on various topics:

- Discussion of their research topic and how to find relevant resources
- Management of data, including original CT (or CAT) scan images, for use in analysis and future sharing
- Information about graduate programs and other researchers working with small mammals
- Obtaining preserved shrew specimens from research museums and other institutions

Library and Information Science (LIS) Practicum: Alice Herring (January – April 2022). Topic: developing a data visualization dashboard to analyze collections data. Co-supervised with Lindsay Gypin.

Instruction

Internal (UNCG)

In-Class Guest Lectures. (June 2021 - May 2022):

18 embedded instruction sessions on topics including:

- Finding, evaluating, using, and citing information on GES-related topics
- GIS tools, data sources, and library databases with geospatial analysis features
- Finding and using data and data visualizations in infographics
- Creating data visualizations for digital history projects
- Creating story maps using Google My Maps, ArcGIS Story Maps, and StoryMapJS

HIS 631 - Digital History Seminar

For this class, I worked with instructor (and University Archivist) Erin Lawrimore, together with David Gwynn, Lindsay Gypin, and Maggie Murphy, to identify learning objectives for digital history students related to data visualization and GIS and consult with students about using tools and techniques to create their own digital projects for an assignment. I led two sessions, one on creating data visualizations with text mining data and general data visualization for digital history projects with Maggie Murphy, and one on introductory GIS, GIS tools and library databases, creating story maps, and other applications of GIS in digital history. Multiple students chose story maps or other GIS-related projects for their final assignment format; I consulted with these students on tools and techniques, including how to obtain and clean data and how to set up a live webpage using GitHub Pages.

1) [Text Analysis & Data Viz - Slides](#)
2) [Mapping & Spatial Analysis - Slides](#)

LIS 200 - Information Use in a Digital World

In Fall 2021, Lindsay Gypin and I worked with instructor (and fellow librarian) Rachel Olsen to create a new presentation and learning goals for this class, oriented around an infographic assignment and data visualization literacy. I added content introducing the role of data visualization in communicating research, data visualization best practices, and web-based tools for creating infographics, as well as an activity demonstrating visualization of data collected during class. We did six visits to LIS 200 sections over the 2021-2022 academic year; I also did one session earlier in Fall 2021, using the previous year's presentation materials.

1) [Data and Infographics - Slides](#)

See Appendix A: In-Class Guest Lectures for a list of instruction sessions and links to slides and other learning objects created for specific classes.

Data Carpentries: Geospatial Workshop with R [Workshop] with Richard Gayle and Brian Stucky (external). (2022, April 18 – 19). United States Department of Agriculture (USDA), virtual. https://rcgayle.github.io/2022-04-18-usda-online/

Earth Day Workshop: iNaturalist and Campus Biodiversity [Workshop]. (2022, April 18). University Libraries, Greensboro, NC. Slides

Data Librarianship & Helping Patrons with Data [Webinar] with Lindsay Gypin. (2022, March 17). University Libraries Reference Intern Training, virtual. Slides

Information Literacy and Research [Workshop] with Melody Rood, Juanita Thacker, and Lindsay Gypin. (2022, February 1). UNCG University Libraries at Grimsley High School, Greensboro, NC.

GIS the Easy Way [Webinar] with Steve Cramer. (2022, January 4). University Libraries Winter Professional Development Webinars, virtual. https://youtu.be/kfTMD1EHP40

GIS Day Webinar: Getting started with GIS [Webinar]. (2021, November 17). University Libraries Research & Application Webinar Series, virtual. https://youtu.be/wQoUVkwTgsA. Slides

GIS Day Panel Discussion and Q&A: GIS Users at UNCG [Panel]. (2021, November 17). University Libraries GIS Day, virtual. https://youtu.be/pAY8oXyIEw8. Slides

What is GIS? [Workshop] with Steve Cramer, Lindsay Gypin, & Richard Cox. (2021, October 19). Fannie Mae Innovation Challenge: Safer Together Green Housing, Guilford County Schools at UNCG University Libraries, Greensboro, NC. Slides

Zotero for graduate students [Webinar]. (2021, October 7). University Libraries, virtual.

Tours and Orientations

International student tours. International Programs Center. 2 sessions (August 2021), 1 session (January 2022)

Graduate student tours. Summer Orientation & Academic Registration (SOAR). 1 session (August 2021).

University Libraries "booth". Freshman SOAR Expo (virtual). 1 session (August 2021).

III. Scholarly, Research, & Creative Activities

Publications

Blogs

Klein, J. (2021, August 16). 2020 Census data update. The Ref Desk. https://uncgreference.blogspot.com/2021/08/2020-census-data-update.html

Klein, J. (2021, August 16). Worldcat Discovery error when searching. The Ref Desk. https://uncgreference.blogspot.com/2021/08/worldcat-discovery-error-when-searching.html

The Ref Desk is the blog of the Reference, Outreach, and Instruction Department, where we share updates with liaisons and other library employees, students, and patrons.

Presentations

International

Klein, J. & Carlton, M. (2021, August 4–13). Learning data "naturally": Engaging communities in the scientific process with iNaturalist [On-demand presentation]. Special Libraries Association (SLA) 2021 Annual Conference, virtual. http://libres.uncg.edu/ir/uncg/listing.aspx?id=35880

Regional

Klein, J. & Carlton, M. (2021, October 14). Crawfishing for data: Using iNaturalist for data literacy instruction [Poster]. Southeast Data Librarian 2021 Symposium, virtual. http://libres.uncg.edu/ir/uncg/listing.aspx?id=36719

State

Klein, J. & Gypin, L. (May 2022*). "I don't live to drain, I drain to live": Data librarian or energy vampire? [Accepted lightning talk]. 2022 NC LIVE Annual Conference

*Proposal accepted in February 2022, to be presented in May 2022.

Workshops

Exner, N., Klein, J., & Gypin, L. (2021, October 13). Data management planning with DMPTool [Workshop]. Southeast Data Librarian 2021 Symposium, virtual. https://osf.io/8spmz/

Grants & Fellowships

Miller, S. & Klein, J. "Campus Nature Challenge 2022," UNCG Green Fund Award. (Spring – Fall 2022).

Abstract: Every year in April, Earth Day is celebrated around the world to indicate support for environmental protection. As a part of this celebration, this proposal would allow UNCG to continue to host a competition for students and faculty that would highlight local biodiversity, using the citizen science tool iNaturalist. In addition, the iNaturalist competition serves as a citizen science project that will be used to collect data on campus in two different seasons, which will be used as an opportunity to educate students on analyzing and mapping biodiversity data. The funding from Green Funds would be used to provide incentives for students to participate in photographing and identifying species of flora and fauna on campus. This will provide environmental education in the local environment and add to the baseline of knowledge about species supported by the campus.

Dr. Shaleen Miller (Department of Biology) and I were awarded $1,500 for prizes for participants in the 2022 Campus Nature Challenge in Spring and Fall 2022. I developed a video about iNaturalist for the Campus Nature Challenge website, led a workshop and nature walk in April 2022 (See *II. D. Teaching & Instructional Activities*), and judged entries

for best photograph in four categories. I also added UNCG as a "place" in the iNaturalist database, adapting shapefiles created by the UNCG Facilities GIS Unit, which is used to limit entries in the event's iNaturalist "project" to those made on campus. In Fall 2022, I'll coordinate a mapping challenge and GIS workshops using data collected during the Fall Campus Nature Challenge and previous events.

1) [Green Fund proposal](#)
2) [UNCG Campus Nature Challenge on YouTube](#)
3) [Earth Day Workshop: iNaturalist and Campus Biodiversity workshop description](#)
4) [2022 Spring UNCG Nature Challenge Project on iNaturalist](#)

Rood, M. & Klein, J. "Queer Café," UNCG iBelong Grant. (Spring 2022).

In the Fall of 2019, a group of librarians at UNCG University Libraries held "Queer Café," an event to promote visibility of LGTBQ+ library staff to students who share similar experiences through creation of a safe space for socializing and sharing of campus and library resources and activities. Melody Rood and I were awarded $500 to hold another Queer Café in April 2022, with funding used for space reservation fees, outreach, campus catering, materials for activities, and swag. I developed a display poster and event signage, digital flyers for outreach, and a list of resources for LGTBQ+ students at UNCG and in Greensboro.

1) [iBelong Grant proposal](#)
2) [Outreach materials](#)
3) [Queer Cafe on UNCG University Libraries Twitter](#)

Klein, J. "Behind the Scenes: Metadata and Data Visualization," Visualizing the Future Symposia Fellowship. (Spring 2019 – Fall 2021).

Abstract: Identifying and addressing existing metadata-related challenges, advocating for and applying metadata standards that follow FAIR data principles to data visualization, and creating or supplementing metadata-specific instruction will improve usability of data, supplement scholarly communication of research, and help connect library users with the appropriate support for their data visualization needs.

[Visualizing the Future](#) ([RE-73-18-0059-18](#)) is an IMLS-funded national forum on data visualization in libraries, which aims to create a diverse community of praxis that will advance data visualization instruction and use beyond hands-on, technology-based tutorials toward a nuanced, critical understanding of visualization as a research product and form of expression, with a literacy-based instructional and research agenda.

As a fellow of this national forum, I previously received funding to travel to an in-person symposium meeting and other conferences to present on findings and symposium activities; the grant was extended to cover costs related to symposium activities, including costs of publication or equipment, until November 2021. In addition to developing data visualization literacy learning goals and implementing them in instruction at UNCG, I participated through monthly group meetings, the "Viz & Tell" series of monthly presentations and discussions on data viz topics, and service in the Examples Repository

and Community Infrastructure & Outreach subgroups, where I helped develop the [Teach Viz by Example repository](#) of datasets and data visualizations in GitHub and moderated the VTF Slack channel, respectively. Also see: *IV. Service*.

1) [Visualizing the Future Fellowship proposal](#)
2) [Behind the Scenes: Metadata and Data Visualizations position statement](#)
3) [visualizingthefuture/examples-repository on GitHub](#)

Other Research

Gypin, L. & Klein, J. "Survey of Data Librarians." (March 2022 – Present). UNCG IRB-FY22-507

The purpose of this study is to conduct a novel survey of data librarians and other equivalent information professionals about aspects of their work. We hope to illustrate the value of collaboration between data librarians and other librarians and information professionals and capture the wide-ranging characteristics of data librarianship as a profession. This research will inform knowledge of services provided by data librarians. Not only could the research lead to improved understanding of the role of data librarians, but also to future opportunities for collaboration between data librarians and other information professionals. We will be comparing responses with character traits of energy vampires from the television show *What We Do in the Shadows* in scholarly publications.

One proposal to disseminate findings of our survey in a lightning talk at the 2022 NC LIVE Conference in May 2022 has been accepted (See *Presentations* above).

1) [Recruitment text](#)
2) [Survey](#)

IV. Service Activities

UNCG Service

University

Co-Chair, Gender Diversity Working Group (GDWG). (January 2022 – Present).

Along with co-chair Megan Karbley, Assistant Dean of Students and other members of the group, I coordinated events for Trans Day of Visibility (TDOV) in March 2022, including painting the Rawk and tabling at the EUC, which saw a lot of student engagement with 30+ students participating, and created a flyer for the Rawk event. I also adapted the 2021 letter of support for trans, nonbinary, gender noncomforming, and other gender diverse students, staff, and faculty and redistributed it for signatures and to be published on the UNCG Racial Equity website.

1) [TDOV event pictures](#)
2) [TDOV event flyer](#)
3) [2022 GDWG Letter of Support](#)

Research and Instruction in STEM Education (RISE) Network Advisory Board. (September 2021 – Present).

Elected Member, Faculty Senate Scholarly Communications Committee. (July 2020 – Present).

Institute for Data, Evaluation, and Analytics (IDEA). (February 2019 – Present).

> I adapted the Dataverse widget code to develop a search widget for IDEA data deposited in the institutional data repository (UNC/NCDOCKS Dataverse), to help connect the group's data with their website and improve findability. Together with Lindsay Gypin, I consulted with IDEA members about data sharing needs and how to deposit data into the institutional data repository. The website is still in development, and IDEA data has yet to be deposited into the Dataverse repository.
>
> 1) [Dataverse search widget on idea.uncg.edu](#) (click "search dataverse" under "data assets")

Undergraduate Honors Symposium Session Chair & Judge. (25 March, 2022).

> I served as the chair for the Ecology & Sustainability session, and introduced the three student panelists, managed timing of the session, led the Q&A portion (with my own questions as needed), and submitted scores for each presentation.

Gender Diversity Working Group. (August 2019 – January 2022).

College/School (University Libraries)

Green Library Group. (April 2019 – Present).

Digital Research & Scholarship Services. (January 2019 – Present).

Department (Research, Outreach, & Instruction/Liaisons)

Sciences Liaison Team. (July 2019 – Present).

Social Sciences Liaison Team. (July 2019 – Present).

Professional Service

National

Southeast Data Librarian Symposium (SEDLS) 2022 Planning Committee. (January 2022 – Present)

> Although SEDLS is traditionally regional in scope and by name, in 2021 we conducted outreach nationally through a partnership with the Research, Data, Access, and Preservation (RDAP) Association, a national organization, and saw attendees and presenters from across (and some outside) the United States, and expect the same for 2022. This year I'm continuing my role as the technology coordinator and co-program coordinator for the 5th annual SEDLS, to be held virtually like last year, and will be coordinating the Zoom and Discord sessions, hosts & co-hosts (i.e. session moderators), and communication with presenters about the program and presenting in a virtual format.

So far, we've convened the committee, welcomed several new members, and have discussed the results of last year's post-survey, using the timeline and report that I created in 2020 and updated in 2021 to guide this year's planning activities.

Southeast Data Librarian Symposium (SEDLS) 2021 Planning Committee. (January 2021 – December 2021).

As a committee member for the 4th annual SEDLS, I collaborated with several other librarians and information professionals on pre-event planning activities, including: drafting a timeline, sending the call for proposals out, reviewing proposals, drafting and editing a commitment to accessibility and code of conduct. The symposium was a success with full registration at 300 and 129 attendees registered for the Discord; 100% of attendees responding to our post-survey rated the Symposium overall as above average or well-above average, with 43% of respondents attending for the first time (n=21).

1) [SEDLS 2021 website and program](#)
2) [Southeast Data Librarian Symposium 2021 playlist on YouTube](#)

As the technology coordinator and program co-coordinator, I:

- Worked with UNCG ITS to set up Zoom Webinar sessions for symposium sessions.
- Updated the conference Discord server, which saw a large number of new participants.
- Coordinated and led pre-symposium meetings with workshop and poster presenters to facilitate their presentations in a virtual format.
- Coordinated workshop and poster presentation sessions in Zoom Meetings and Discord.
- Coordinated the schedule of Zoom hosts and co-hosts for each session using Google Calendar and Discord.
- Co-coordinated workshop registration using the symposium's Wild Apricot site, manually closing registration when workshops were full.
- Set up an automated mail merge system to send workshop details for four unique workshops to registrants based on their registration.
- Coordinated editing and captioning of recorded sessions and uploaded recordings to the symposium YouTube channel.

Visualizing the Future: Community Infrastructure & Outreach Group. (February 2021 – November 2021).

Geoscience Information Society (GSIS) Best Reference Resource Award. (July 2021 – October 2021).

V. Professional Memberships

International

Special Libraries Association (SLA). (September 2021 – Present).

Data Visualization Society. (May 2019 – Present).

FORCE11. (January 2019 – Present).

National

Research Data Access and Preservation Association. (April 2020 – Present).

Geoscience Information Society. (January 2019 – Present).

American Library Association. (May 2019 – May 2022).

- Map and Geospatial Information Round Table (MAGIRT)
- Reference and User Services Association (RUSA)
- Reference Services Section (RUSA RSS)

State

North Carolina Library Association. (July 2019 – Present).

- STEM Librarianship in NC (STEM-LINC)
- New Members Round Table (NMRT)

VI. Continuing Education & Professional Development

Conference Attendance

International

Special Libraries Association (SLA) Annual Conference, virtual. (August 11 – 13, 2021).

National

Research Data Access and Preservation (RDAP) Summit, virtual. (March 15 – 17, 2022).

Visualizing the Future Symposium, virtual. (November 3 – 5, 2021).

Southeast Data Librarian Symposium, virtual. (October 13 – 15, 2021).

State

North Carolina Library Association (& Southeastern Librarian Association) Biennial Conference, virtual. (October 18 – 22, 2021).

Local

Digital Humanities Institute 2022, virtual. (April 21 – 22, 2022).

Workshops

Workshop, "Introducing Spatial Analysis and Visualization With ICPSR Data," Inter-university Consortium for Political and Social Research (ICPSR), virtual. (October 19, 2021).

Workshop, "Using IPUMS data in R with the ipumsr package," Integrated Public Use Microdata Series (IPUMS), virtual. (October 12, 2021).

Workshop, "Python Tools for Data Science," XSEDE & Cornell University, virtual. (July 28, 2021).

Other

Mentoring & Discussion Group, "Peer Mentorship Circle," UNCG University Libraries. (July 2020 — Present).

Webinars (July 2021 – June 2022)

On various topics including:

- OA vs OER
- Interdisciplinary sample data discovery, integration, and reuse
- Library research for natural hazards
- Storytelling with Data exercises on data visualization
- Data science education in biomedical sciences

VII. Goals for the 2022-2023 Academic Year

Goals for the 2022-2023 academic year will be developed in consultation with my supervisor.

Appendix A. In-Class Guest Lectures

ESL 632 - Academic Reading and Vocabulary Development and ESL 633 - Writing and Grammar III, with Steve Cramer and Sarah Dorsey (1 session). Topic: introduction to library resources and finding information for informatics & analytics.

GES 367 - Research in Environment & Sustainability (3 sessions). Previously GES 400 - Senior Seminar in Environment & Sustainability. Topic: introduction to library resources, finding, evaluating, using, and citing sources of information, and developing a research question and thesis statement for a research assignment.

1) [GES 367 Course Guide](#)
2) [Methods for Approaching Research Worksheet](#) (original worksheet is used collaboratively in Google Docs)
3) [Research 101 Slides](#)

GES 432, 632, and 732 - Geography of Livable Cities, with Steve Cramer (1 session). Topic: sources of spatial data and livability metrics, using library databases PolicyMap, SimplyAnalytics, and Social Explorer, and evaluating data for a research assignment.

1) [GES 432, 632, and 732 Course Guide](#)
2) [Sources of Spatial Data & Information - Slides](#)

HIS 392 - The Holocaust: History and Meaning (1 session). Topic: creating story maps with Google My Maps.

1) [Google My Maps Guide Document](#)

HIS 631 - Digital History Seminar (2 sessions total, 1 with Maggie Murphy). Topic: creating data visualizations with text mining data, creating story maps, introduction to GIS, GIS tools and library databases, GIS and data visualization in digital history projects.

    1) [Text Analysis & Data Viz - Slides](#)
    2) [Mapping & Spatial Analysis - Slides](#)

LIS 200 - Information Use in a Digital World (7 sessions total, 6 sessions with Lindsay Gypin). Topic: creating infographics and data visualizations using public opinion polling statistics and web-based chart design tools.

    1) [Data and Infographics - Slides](#)

LIS 631 - Emerging Technological Trends in Information Access (3 sessions). Topic: introduction to GIS in libraries, GIS tools and library databases, and working with Census data.