

2022 Summer Research Curriculum

Welcome



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Child and Family
Health Institute



2022 Summer Research Curriculum

Presentation	Presenter	Date	Time
Orientation/ Welcome	Katie Duvall	16-May	11:00 AM
Lit Search	Medical Librarians	23-May	11:00 AM
HIPAA for Researchers/Mid Point Check in	HIPAA Compliance Officers/Katie Duvall	31-May	1:30 PM
General Research Design & Analysis	Dr. Kiana Johnson	6-Jun	10:30 AM
Intro to SPSS	Dr. Allie Chroust	13-Jun	11:00 AM
Presentation Skills	Katie Duvall	20-Jun	11:00 AM



2022 Summer Research Curriculum

- All sessions will use same Zoom link
 - <https://etsu.zoom.us/j/7849000455?pwd=cHdHeDB4Q3I4N2RtY0tOZC9xS0IRQT09>
- All sessions will be recorded and posted on the [Research Curriculum](#) page



Available Resources for Research



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Medical Library

- The [ETSU Medical Library](#) Clinical Reference Librarians can assist with literature searches.

Free reference managers such as those listed below assist with managing bibliographies, citations, and references.

[Mendeley](#)

[Zotero](#)

[EndNote](#)



Academic Pediatrics

Division of Academic Pediatrics

- Lots of Resources for Scholarly Activities
 - Board Prep Research & Stats by Dr. Karen Schetzina
 - Scholarly Writing & Presenting by Drs. David Wood & Kiana Johnson
 - Case Studies by Dr. Karen Schetzina & Katie Duvall
 - Anatomy & Physiology of a Journal Article by Dr. Karen Schetzina



Analysis Software at ETSU

- Through [AppStream](#) you can access
 - SPSS
 - [SPSS](#) training videos from Missouri State University
 - Minitab
 - R
 - SAS



Graphics Software At ETSU

- Through [AppStream](#)
 - SPSS “Chart Builder”
 - SAS “OD Graphics Designer & Editor”
 - Minitab “Graph”
- [Tableau Graphics](#)
 - Free for students and instructors



Ballad IRB Changes

- Ballad IRB changed requirements on case studies
- Investigators now need to submit the [ETSU Form 129](#), ETSU Letter of Determination of Not Human Subjects Research, and the Ballad Human Subjects Research Determination Form



Tips



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Tips for a Successful Experience

- Ask to read the protocol
- Weekly meetings
 - Helpful to stay on track and keep mentor informed
- Consider using a shared folder for work
 - (OneDrive, Teams, Google Drive, Dropbox)
 - No PHI can be stored on any cloud service



Tips for a Successful Experience

- Discuss your goals and desired outcomes for this experience
 - (i.e. learn about patient recruitment for research, present an abstract at a meeting, co-author manuscript, etc)
- Reach out to students who worked with your mentor last year



Words of Wisdom

- *“For incoming students, I would recommend that they get a copy of the IRB protocol for their study early on to familiarize themselves with the study's goals and procedures that have been approved for use. This could be a good reference doc to have on hand to supplement info that the PI will give them. I might also give them a heads up that research protocols at ETSU (such as for data collection) may be different than research protocols they are used to from other organizations/institutions, it is definitely not a one size fits all field. And asking you or the PI questions for clarification is always a good thing - can't be too careful when it comes to working with protected patient information! Other than that, I would encourage them to work hard and have fun and soak up the great learning experiences that research in the Department of Pediatrics provides!! :) “*

Olivia Knoll



Words of Wisdom

- “Be direct with your PI on expectations you also have in terms of presentation, publication, etc. Communicating this on the front end will guide both your own and your PI's engagement during the summer... Lastly, take your weekends off and have fun!!!”

- Andrea Ramirez



Presentation & Publications



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Presentation Opportunities

- Dept of Pediatrics Annual Resident/Student Poster Session
 - Proposal deadline July, 1th
- [Rural Health Association of Tennessee](#)
 - Proposal deadline June 30th
- [Appalachian Student Research Forum](#)
 - April/May 2023



Manuscript-Writing Tips & Resources

- [Journal of Clinical Epidemiology Writing Tips Series](#)
- [CDC Guide to Successful Writing and Publishing](#)
- [JANE](#) (Journal/Author Name Estimator) can assist you in identifying journals to target for manuscript submission.
- Download author instructions from journal websites.
- Review a few articles similar in scope, methodology, or topic from journals of interest as examples.



Previous Student Outcomes



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Chelsea Ryan

Journal of Community Health (2018) 43:616–624

<https://doi.org/10.1007/s10900-018-0500-6>

REVIEW



Human Papillomavirus Vaccine Uptake, Knowledge, and Acceptance for Youth: A Systematic Review of Appalachia

Chelsea Ryan¹ · Kathryn L. Duvall² · Emily C. Weyant¹ · Kiana R. Johnson² · David Wood²

Published online: 21 March 2018

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Emmitt Turner

Original Article

Marijuana use in opioid exposed pregnancy increases risk of preterm birth

Darshan S. Shah , Emmitt L. Turner, Alyson J. Chroust, Kathryn L. Duvall, David L. Wood & Beth A. Bailey

Received 24 Mar 2021, Accepted 10 Sep 2021, Published online: 28 Sep 2021

 Download citation  <https://doi.org/10.1080/14767058.2021.1980532>



Previous projects and outputs



Divya Agarwal and Monika Jain received travel awards to present their research at the Southern Society of Pediatric Research Annual Meeting in New Orleans Feb 13 - 15.

Divya Agarwal presented *Postpartum Mental Health in Opioid Use Disorder Women* and Monika Jain presented *Does Integrated Management of Opioid Use Disorder Affect Outcomes of NAS Diagnosis: Results of Preliminary Data*

Both students were mentored by Dr. Darshan Shah.



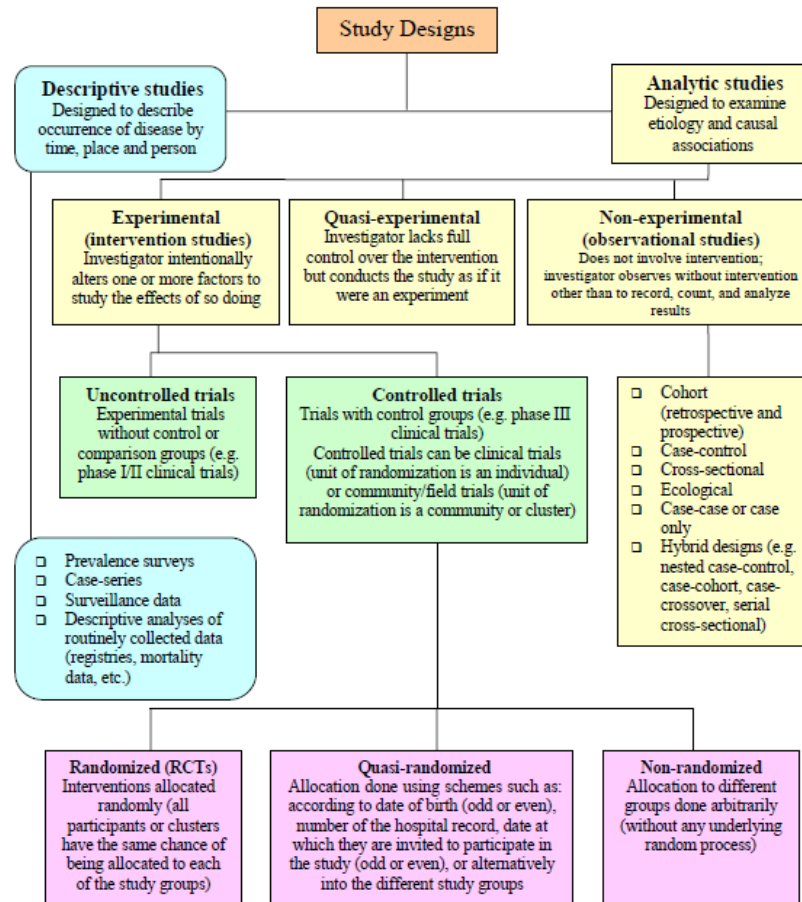
How to Critically Appraise an Article



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Classification of study designs (Version 8)

(Qualitative studies are not included in this scheme; categories shown are not necessarily mutually exclusive, hybrid and mixed designs are possible)



Note: Systematic reviews and meta-analyses involve the secondary analysis and synthesis of original studies and are not considered in this classification system

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