UC DAVIS HEALTH | SCHOOL OF MEDICINE

Research Resources for Medical Students

I. Doing the Research

A. Finding a Project/Mentor
- **Posters presented by UC Davis students and their mentors:** https://health.ucdavis.edu/mdprogram/research/posterday.html
- **PURE Experts:** https://ucdavis.pure.elsevier.com
- **Scopus:** (VPN Access required) https://www.scopus.com/search/form.uri?display=basic
- **UC Davis Profiles:** https://profiles.ucdavis.edu/search/

B. Quality Improvement Program
- **Annual UC Davis Health Quality Forum to meet potential QI research mentors:** https://health.ucdavis.edu/quality/forum/
- **Main Contact: Dr. Ulfat Shaikh, ushaikh@ucdavis.edu**

C. Global Health Program
https://globalhealth.ucdavis.edu/
- **Main Contact: Dr. Michael Wilkes, mswilkes@ucdavis.edu**

D. Resources to help with research design

- **Request a consultation with a Librarian at Blaisdell Medical Library. Contact: bmlref@ucdavis.edu**
- **Guide to Systematic Reviews:** https://www.library.ucdavis.edu/guide/systematic-reviews/

- **About citation and citation management tools:**
  https://www.library.ucdavis.edu/guide/citation-styles/
- **Training for clinical trial design:**
  https://health.ucdavis.edu/clinicaltrials/Training/training.html
- **SQUIRE 2.0 Guideline for QI research:**
  http://www.squire-statement.org/
- **Guide to Translational research resources (methods & protocols), UCD Library:**
  https://www.library.ucdavis.edu/guide/translational-research-resources/

E. Data and Informatics Resource

- **Data management/data sharing plans & informatics questions: Contact BML's Health Library Informaticist:**
  https://www.library.ucdavis.edu/author/christy-navarro/
- **DataLab- Contact the DataLab for data analysis related training and questions:**
  https://datalab.ucdavis.edu/
- **Statistics (Design/Analysis) – CTSC:**
  https://health.ucdavis.edu/ctsc/area/biostatistics/index.html
- **Electronic Medical Record (EMR) Data retrieval:**
  https://health.ucdavis.edu/ctsc/area/informatics/DataRetrieval.html

- **Health Data Resources:** the Health Data Resources site is a compilation of the data assets, software tools, and analytics support resources available at UC Davis Health to optimize access to, and facilitate the most effective use of data.
  https://health.ucdavis.edu/data/researchers.html
- Health Data Office Hours- 1st Friday of each month, Noon-2pm at https://ucdavishealth.zoom.us/j/95513002981
- **Assistance in submitting an Institutional Review Board (IRB) application:**
  https://research.ucdavis.edu/policiescompliance/irb-admin/

II. Presenting the Research

- **General guidelines for research posters:**
  https://projects.ncsu.edu/project/posters/EffectiveAbstract.html
- **Quality improvement posters**
  http://www.ihi.org/education/IHIOpenSchool/resources/Pages/Poster boards/default.aspx

III. Publishing the Research

- **Writing – UC Davis Free-lance Editors:**
  https://research.ucdavis.edu/resources/grantwriting/freelance-editors/
- **Guidelines for Writing Manuscripts**:
  https://www.elsevier.com/connect/11-steps-to-structuring-a-science-paper-editors-will-take-seriously
- **Identifying Journals for Publication. Contact Librarians at Blaisdell Medical Library: bmlref@ucdavis.edu**
- **UC Davis Open Access Fund:**
  https://www.library.ucdavis.edu/guide/open-access-fund/

IV. Resources for help in statistics and learning R

- **UC Davis DataLab, Intro to R**
  https://datalab.ucdavis.edu/archive/
- **Data Carpentry**
  https://datacarpentry.org/R-ecology-lesson/index.html
- **STHDA (Statistical data analysis/data visualization)** http://www.sthda.com/english/wiki/r-basics-quick-and-easy
- **For plotting using R's ggplot2**
  http://www.sthda.com/english/wiki/ggplot2-essentials
- **UCLA Institute for Digital Research & Education (IDRE)**
  https://stats.idre.ucla.edu/other/dae/
- **Biostatistics, Epidemiology, and Research Design** https://health.ucdavis.edu/ctsc/area/biostatistics/index.html