Faculty Enhancement Opportunity (FEO) Application

For Fall 2019 awards – application due to PVFA@aa.ufl.edu by March 29, 2019.
NOTE: Incomplete or incorrect (missing CV, budget errors, etc.) applications will not be reviewed. *Please proof your final copy before submission.*

If you have questions, please contact PVFA@aa.ufl.edu prior to submitting your application – **1 single PDF document (pages 1-9) plus Excel Budget Sheet combined with rest of package.**

Name (last, first): **Schaefer, Nancy**   Faculty Title: Reference & Instruction Librarian

UF ID:, **7901-9420**   UF Email address: **nancys@ufl.edu**

Type of Appointment (check): **X** tenured _____ tenure-track

_____ clinical _____ other _____

Date of Appointment to UF Faculty (month/year): **10/1999** (Minimum 3 years of Full Time service)

Date Tenure Awarded, _if applicable_. (month/year): **7/2009**

Date of any previous *FEOs: **2012**

College: **Libraries**

Department: **Health Science Center Libraries, Biomedical & Health Information Services**

Campus address (POB): **100206**

**Fiscal Manager Name & email: Anne-Marie Hollingshead amhollingshead@ufl.edu

Budget information (**must match totals on Budget Worksheet- Excel File**):

Central FEO Funds requested: **$9,141**

***College/Department Funds to be provided: **$2,739**

Other Funds to be applied, _if applicable_: **$1,000**

GRAND TOTAL FOR FEO: **$11,880**

FEO Activity Date: Start (mo/yr) **9/2019** End (mo/yr) **8/2020**
Is this a reapplication? If yes, please indicate all cycles when you previously applied: No

*Previous FEO awardees eligible again in 6 years.
** Faculty should provide budget sheet to Fiscal Manager – if awarded.
***Must be included (can be in-kind).

ABSTRACT: (Provide **one** paragraph describing your proposed FEO project in a way that can be understood by colleagues <u>outside your discipline</u>, alumni, and educated members of the general public.

As UF's public health liaison, I search for relevant literature and oversee UF's information collections in all sub-disciplines of public health (e.g. epidemiology, health economics). This project encompasses both knowledge/skill enhancement and presentation of the unique browsable web portal and searchable database of public health data sets that we have created at UF. Effective searching enables UF faculty to make quality contributions to solid knowledge bases for various health decisions. The unique classes in this project offer chances to further refine skills. The data set collections we have created reduce time/labor barriers to identifying useful datasets for Precision Public Health, a new method of research that integrates data from varied sources to identify and explore associations between risk factors, health care services and health conditions. ⊞

Please submit a 2-4 page *curriculum vitae*/resume with your application. (Please do not submit a longer CV. Failure to include a CV or inclusion of a CV longer than 4 pages may disqualify you).

<u>GOALS FOR FEO:</u>
(List 3 to 5 succinct goals)

1. The past decade's trend toward evidence-based practice has increased demand for "evidence syntheses." These include systematic reviews and other advanced literature reviews that involve comprehensive searches for and carefully analyzed summaries of scientifically rigorous research. Librarians actively advise on and participate in these projects. My first goal is to enhance librarian understanding of various methodologies and software and increase skills in searching for and managing the literature that forms the foundation of such research, thereby increasing research quality and the institution's reputation.

2. Interest in the economics of health has increased since passage of the Affordable Care Act in 2010. My second goal is to increase librarians' basic understanding of the underlying concepts, leading to improving their efficiency and effectiveness in providing comprehensive, relevant search results on this newly emerging topic. Such results will provide depth and breadth for researchers' and students' contributions to the knowledge base upon which practice and health decisions are based.

3. Identifying the varied data sets used in Precision Public Health (PPH) research can be very time consuming. To free researchers for analysis, librarians at UF have identified potentially useful data sources. Public health professionals who have seen the resulting browsable list (the UF PPH LibGuide) have recognized the tool's potential to save time. Presenting the LibGuide and the soon-to-be-released the UF PPH data catalog (searchable database of indexed contents and metadata on publication date, formats, etc.) will provide a model for other librarians and interested public health professionals to consider using or adapting

4. Knowing of my interest in library support for public health systems, a librarian at Oxford University invited me to learn how this transpires in the UK. Traveling to the UK for the unique systematic review and health economics classes would facilitate this while providing a natural venue for giving UF's PPH data resources their first international exposure. ⊞

FEO PLAN/ACTIVITIES/SCHEDULES:

(Describe in the space allotted on pp. 3-4 of this form; plan should not exceed one calendar year. Note that if your proposed project includes a site visit, you MUST include an invitation letter from the host).

April-May 2019 - Register for York classes. Book flights and hotel.

June 2019 - Submit abstract to present at Southern Chapter, Medical Library Association (SC/MLA)'s October 2019 meeting in Savannah, GA.

July 2019 - Register for SC/MLA meeting. Investigate costs to determine if mileage/rental car, gas and parking costs at venue still exceed cost of flights. Make transportation and lodging arrangements.

Contact faculty who taught GMS 6003 Essentials of Graduate Research & Professional Development and PHC 6104: Evidence-Based Management of Public Health Programs in Spring 2019 with offer to present on searching for health economics literature if those courses are offered again in Spring 2020.

September 2019 - Attend York Health Economics Consortium (YHEC)'s Health Economic Evaluation for NICE (The National Institute for Health and Care Excellence) Evaluation class 9/5 and the 3 classes on systematic reviews 9/24-26 (Advanced Search Techniques, Advanced Strategy Design, and Software). The attached course descriptions explain contents of each class, including the general health economics concepts that apply in all healthcare systems regardless of financing/payer systems.

Meet with UK librarians about their support of the information needs of UK's public health system and present on UF's Precision Public Health data resources (LibGuide and data catalog). Personal travel between these professional activities

October 2019 - Present on the YHEC classes and on UF's Precision Public Health data resources at Southern Chapter/Medical Library Association annual meeting in Savannah, Georgia October 10-13, 2019.

November 2019 - Attend health economics sessions, present on the UF PPH data resources and possibly present at a late-breaking session on the information support of UK public health at the American Public Health Association annual meeting in Philadelphia, PA, November 2-6, 2019.

Incorporate information gleaned from YHEC classes into UF Health Science Center Libraries' Introduction to Systematic Reviews class and into guest lecture in UF's GMS 6003: Fundamentals of Graduate Research and Professional Development course.

December 2019 - Present information gleaned from YHEC classes with colleagues at UF libraries to enhance their understanding of methodology and search techniques of systematic reviews.

FEO PLAN/ACTIVITIES/SCHEDULES: (Continued: page 2 of 2)

January 2020 - Submit proposal to teach health economics class (for Medical Library Association Continuing Education credit_ at Southern Chapter, Medical Library Association (SC/MLA) Fall 2020 meeting

January-August 2020 - Refine agenda, activities and materials for class at SC/MLA's 2020 annual meeting (location as yet undisclosed).

Present on searching for health economics literature in HSA 6436 Health Economics and/or PHC 6104: Evidence-Based Management of Public Health Programs.

OUTCOMES OF FEO: (You will be asked to submit a report of your accomplishments at the conclusion of the FEO. Please prepare this section with that report in mind.)

A. List specific outcomes of this FEO related to your own professional growth and development.

1. Improve my understanding of health economics to more effectively and confidently support students, faculty, researchers in UF's Health Services Research, Management and Policy department (to which I liaise formally), other faculty and students interested in health economics issues, my colleagues at the UF Health Science Center Library and community members such as the Cade Center in research and service projects involving health economics.

2. Increase my understanding of review types that haven't/aren't often taught in the US (e.g. health technology assessments, practice guidelines) in order to quickly and effectively satisfy future requests for and answer future queries about them.

3. Familiarize myself with additional software--particularly EPPI-Reviewer, which I have not found being taught anywhere in the US--in order to more knowledgeably and confidently advise on qualitative data analysis for the social science side of public health and to assist UF social science librarians as needed.

4. Further my knowledge of health economics concepts and stimulate my creativity by preparing a proposal to lead a Medical Library Association-accredited course on health economics at our regional professional association's annual meeting.

B. List specific benefits of this FEO to your department, college and/or the university overall.

1. Serve as a local resource for questions on health costs/economics information and searching.

2. Share new information on techniques, software and resources for complex reviews with my library colleagues (librarians, administrators, IT, library acquisitions department workers).

3. Present on UF's PPH data resources (LibGude and data catalog) to promote their use, prove their potential to facilitate UF discoveries, increase the visibility of both the UF and PPH, and justify infrastructure funding for expanding the data catalog's subject coverage, which will increase its utility for further discovery.

4. My increased understanding of the terminology, concepts and models of health economics will enable me to better select, index and curate sets of cost-related data as we expand the PPH data catalog. This will , in turn, allow for new discoveries associating costs and economics with health outcomes.

CHECK ONE: I agree ☑ or I do not agree ☐ that my proposal (WITHOUT budget information), if successful, can be shared with others applying for FEOs.

BUDGET JUSTIFICATION OF EXCEL SHEET:

1. Explain how requested funds will be used, by category (e.g., salary support, travel.)

2. For travel, list airline, travel locations, travel dates and the source of information you used (travel web site or a travel agency quote, etc.) Air travel must be based on economy class.

3. For auto rental (if applicable) include rental dates, rental company, and source of estimated price (travel web site, auto rental web site, etc.)

4. For meals, list state per diem rates and calculate per day ($xx/days)

5. For other expenses (fees, etc.) provide details on how you estimated the costs, such as web sites, catalogs, written quotes, etc. If not sure what expenses are covered, please contact Dr. Hass at 392-4792 or cjhass@aa.ufl.edu.

6. To see examples of well-planned and well documented budget justifications, please visit the FEO web page at http://www.aa.ufl.edu/FEO

BASIC PRINCIPLES

(1) FEOs are intended to advance the academic/professional/scholarly abilities of faculty members. Thus they are similar in intent to sabbaticals. However, FEOs are intended to be more flexible in nature and duration than traditional sabbaticals. Thus FEO funds are to be expended primarily for salary/benefit offset, travel costs and/or fees for conferences or similar learning experiences. Some portion of summer salary can be requested for those on 9 month contracts who propose summer FEOs. FEO funds are not intended to fund such things as equipment/supply purchases, pilot studies, GRAs or similar items for which other sources of support are available.

TO DEPARTMENT CHAIR:

Please evaluate the applications from your Department based on FEO criteria and forward to
your appropriate Sabbatical/Professional Leave Committee (S/PLD Committee) **only those
proposals you consider worthy of funding.**

TO SABBATICAL/PROFESSIONAL LEAVE COMMITTEE:

Please evaluate the applications from your College based on FEO criteria and forward to the
appropriate Dean **only those proposals you consider worthy of funding**.

TO DEAN:

Please evaluate the applications from your College based on FEO criteria and forward to the
FEO Task Force **only those proposals you consider worthy of funding**.
**No other recommendation letters or letters of support should be included with individual
applications.**

Note that the FEO Task Force will do an independent review of the merits of each proposal.
Please do not submit any proposals you do not consider worthy of funding.

**Send application in one single PDF document (pages 1-9) and Excel Budget sheet
(combined with rest of package) to PVFA@aa.ufl.edu by March 29, 2019.**

All signatures must be included here.

1. **CHAIR, DEPARTMENT OR COLLEGE SABBATICAL COMMITTEE OR EQUIVALENT:**

    I support this application and rate it meritorious.

    TYPED NAME: Joe Aufmuth

    TITLE: GIS Librarian, SFRC Affiliated Faculty

    SIGNATURE: *Joe Aufmuth*

    EMAIL ADDRESS: mapper@uflib.ufl.edu

2. **DEPARTMENT CHAIR:**

    I VERIFY THE INDIVIDUAL HAS BEEN A FULL TIME FACULTY MEMBER AT UF FOR 3 YEARS OR MORE. I support this application and rate it meritorious.

    TYPED NAME: Melissa L. Rethlefsen

    TITLE: Associate Dean, George A. Smathers Libraries; Fackler Director, Health Science Center Libraries

    SIGNATURE: *Melissa Rethlefsen*

    EMAIL ADDRESS: ml.rethlefsen@ufl.edu

2. **DEAN:**

    I support this application and rate it meritorious. (If you are signing on behalf of the Dean, please indicate your title and email address.)

    TYPED NAME: Judith C. Russell

    TITLE: Dean of University Libraries

    SIGNATURE:

    EMAIL ADDRESS: jcrussell@ufl.edu

FEO APPLICATION CHECKLIST:

Please check the following items before you submit the application. Failure to complete these items will result in your application being returned without consideration for an award. Due to the volume of applications being received, it is not possible for the FEO Task Force to follow up on errors or omissions. Thank you for understanding.

- ☑ 1. Are all items completed on page 1, including the budget and Department Fiscal Manager information (Name and email)?

- ☑ 2. Does the Budget specify College or Department funds?

- ☑ 3. Does the Budget Information on page 1 match the budget on the Excel Budget sheet?

- ☑ 4. Do the numbers on Excel Budget Worksheet add up correctly?

- ☑ 5. Did you include a 2-4 page Current Curriculum Vitae?

- ☐ 6. Is Page 8 signed by all the necessary people?

- ☑ 7. Does Page 8 include titles and email addresses?

Faculty Enhancement Opportunity (FEO) Budget Sheet

Salary & Benefits	Central Funds	Other Funds (if applicable - specify source)	Notes
Salary	2,160		
Fringe	579		
Subtotal:	2739		
Other Expenses			
Travel Expenses*	7832		
Fees/Tuition	1309	1000	Funding from Honors program for teaching Summer 2019 UnCommon Read class
Equipment	████		
Supplies	████		
Consultants/Outsi	0		
Other (specify):			
Subtotal:	9141	1000	
Grand Total:	11880	1000	

RCM overhead expense will be added to final amount awarded by Provost Budget Office

Schaefer, Nancy

Budget Justification

1. Use of funding by category
   Salary Support $2,738
   > Salary for 0.7 weeklies=$2,160
   > Fringe benefits at FY2020 rate=$579)
   > Source: UF Libraries Fiscal Services department 2/26/19 estimate

   Travel $7,832

2. Travel (all for solo traveler)

   Trip 1 UK for YHEC classes
   $1500 RT GNV to London, UK, Outbound 9/3 return 9/28 on Delta airlines
   https://www.delta.com/

   $322 BritRail 8 day adult pass (London to York. RT; London to Oxford RT Britail England Pass
   https://www.britrail.net/passes/britrail-england-pass

   $1242- 6 nights lodging in York, UK ("Other" on
   https://aoprals.state.gov/web920/per_diem.asp for one night before and the night of the "last"
   class in each "set" of classes, 6/4-6 and 9/24-26)

   $528 - 2 nights lodging in Oxford (one before, one night of research exchange day) per
   https://aoprals.state.gov/web920/per_diem.asp

   Trip 2 Savannah GA for Southern Chapter/Medical Library Association annual meeting

   $280 Economy car weekly rental (cheaper than 5 day) from GNV airport
   https://www.nationalcar.com/en/reserve.html#/car_select

   $8 RT airport to hotel http://catchacat.org/_meta/downloads/schedules/route_100x.pdf

   $200/night Lodging 10/9-13, price estimate without knowledge of conference venue, based on
   https://www.travelocity.com and assuming free parking for hotel guests

   Trip 3 Philadelphia PA for American Public Health Association annual meeting

   $500 RT GNV to PHL 11/2outbound, return 11/6 on Delta https://www.delta.com/

   $5 RT airport to hotel http://septa.org/fares/transit/index.html#cash

$200/night Lodging https://www.travelocity.com/Hotels

3. Car rental: 0

4. Meal prices $x #/days

   UK

   $448 - 4 day's meals & incidental expenses in York, UK ("Other" on
   https://aoprals.state.gov/web920/per_diem.asp = $123/day, minus $11 for lunch included in
   each class's tuition, so $123-$11 or $112/day x 4 days of classes = $448

   $153 – 1 day meals & incidental expenses in Oxford – Allowance for Oxford of $153/day x 1 day
   per https://aoprals.state.gov/web920/per_diem.asp

   US Conferences per http://www.fa.ufl.edu/directives-and-procedures/travel/#lodging

   Southern Chapter/Medical Library Association = 4 days @ $36/day minus 1 dinner included in
   conference registration = $125 per
   https://southernchaptermla.wildapricot.org/resources/2018%20Meeting%20Documents/2018%20Meet
   ing%20Program%20at%20a%20Glance.pdf

   American Public Health Association = 4 days @ $36/day = $144

5. Other expenses
   a. Conference Registrations
      $350 for SC/ML based on 2018 prices
      $530 for APHA based on https://apha.org/events-and-meetings/annual/registration-
      information
   b. Maid service $5/day x 6 days in UK, 4 days in Savannah, 5 days in Philadelphia for a
      total of 15 days @ $5 each = $75 per http://www.fa.ufl.edu/directives-and-
      procedures/travel/#lodging

Nancy M. Schaefer
UF Health Science Center Libraries
352.273.8417   nancys@ufl.edu

University of Florida Appointments

Reference & Instruction Librarian, University of Florida Health Science Center Libraries (full-time)
  University Librarian, July, 2018 – present;
  Associate University Librarian, July, 2009-July 2018
  Assistant University Librarian October 199
9 – June, 2008
      Reference, instruction, collection management, especially to College of Medicine's
      Health Outcomes & Biomedical Informatics and College of Public Health and Health
      Professions public health and health services administration departments

Education

1999	Master of Library of Information Science	University of Washington - Seattle
1993	Bachelor of Arts (History)	University of Washington - Seattle
1984	MA Teaching English as 2nd Language	University of Illinois - Champaign/Urbana
1977	Bachelor of Science (Elementary Education)	Indiana University - Bloomington

Professional Honors

Academy of Health Information Professionals (*credentialing body for medical librarians*)
      Distinguished Member, 2013-23 (Senior Member, 2008-13; Provisional Member, 2003-4)
Sunshine State Library Leadership Institute (2009 graduate of this 9 month course)
Sewell Foundation stipend recipient, 2000-2002 (annually awarded competitive funding for public
      health-serving librarians to attend American Public Health Association annual meeting)

Selective Creative Works

Precision Public Health LibGuide http://guides.uflib.ufl.edu/precisionpublichealth

Invited, Refereed Published PubMed Search Strategies

Healthy People Structured Evidence Queries. 2003-4 ; 2010-2013 on Injury & Violence Prevention,
      Disability & Health, Hearing & Other Sensory or Communication Disorders, and Nutrition & Overweight

Selected Publications:

Invited Book Chapter

Schaefer N. Review of the Literature. In *The Medical Library Association Guide to Health Literacy*. M.
      Kars, L.M. Baker and F.L. Wilson, eds. New York: Neal-Schuman Publishers, Inc., 2009. (Review
      of book in *Journal of Academic Librarianship*, April 2009. pp. 9-53.)

Contributed Refereed Journal Articles

Vaughn I, Terry EL, Bartley E, Schaefer N and Fillingim RB. Racial-ethnic differences in osteoarthritis pain
      and disability: A meta-analysis. *Journal of Pain*. In press
Stetten NE, Black E, Edwards ME, Schaefer N and Blue A. Interprofessional service learning
      experiences among health professional students: a systematic search and review of learning
      outcomes. *Journal of Interprofessional Education & Practice*. June 2019, 15: 60-69.

Myers CT, Schaefer N and Coudron A. Continuing competence assessment and maintenance in occupational therapy: Scoping review with stakeholder consultation. *Australian Occupational Therapy Journal* 2017 Jul 14. doi: 10.1111/1440-1630.12398

Elder JH, Kreider CM, Schaefer NM, de Laosa MB. A review of gluten- and casein-free diets for treatment of autism: 2005–2015. *Nutrition and Dietary Supplements*. December 1, 2015. 7:87-101

Kuntz G, Schaefer N, Norton HF, Tennant MR. 2018. HIV/AIDS outreach: Curriculum development and skills training to health and information professionals. *Medical Library Reference Services Quarterly* 37(1): 60-73

Schaefer N. Disability search tips and resources. *Medical Reference Services Quarterly*, Winter, 2015, 34(1): 60-74

Edwards ME, Norton HF, Schaefer N and Tennant MR. Facilitating collaboration and research in sex and gender differences and women's health: year one experiences. *Medical Reference Services Quarterly*, Fall, 2014, 33(4):408-27

Ferree N, Schaefer N, Butson LC and Tennant MR. Liaison librarian tiers: levels of service. *Journal of the Medical Library Association* April, 2009, 27 (2):145-148

Selected Presentations
International

Schaefer N [presenter], Daley M. Prevalence of link rot in 2016 occupational and environmental journal references. Contributed poster, Medical Library Association, Canada Health Libraries Association/Association des bibliothèques de la santé du Canada and International Clinical Librarian Conference joint meeting, Toronto, Ontario, 17 May 2016

Schaefer N. 2012 snapshot of US library support of current and future public health professionals. Contributed poster, Medical Library Association, International Congress on Medical Librarianship, International Conference of Animal Health Information Specialists and International Clinical Librarian Joint Conference, Boston 6 May 2013

National

Meyer SL and Schaefer N [presenter]. Precision public health: data analytics challenges to improving population health. Contributed poster, American Public Health Association annual meeting. San Diego, CA 13 November 2018

Howard A and Schaefer N [co-presenters]. Daring to realize the dream of published systematic reviews. Contributed oral presentation, Medical Library Association annual meeting, Seattle, WA 27 May 2017 http://ufdc.ufl.edu/IR00010080/00001

Schaefer N [lead and presenter], Stoyan-Rosenzweig NC and Tennant MR. Discovering and documenting the importance of health during the construction of the Panama Canal. Contributed poster, Medical Library Association annual meeting, Austin, TX, 17 May 2015

Schaefer N. Analysis of government publication and gray literature citations in an occupational and environmental health journal. Contributed poster, American Public Health Association annual meeting, New Orleans, LA, November 2014

Schaefer N [lead and presenter], Tenant MR, Norton HF and Edwards ME. Beyond the (standard) male: collaborating to increase faculty and student awareness of sex and gender differences in health research. Contributed poster, Special Libraries Association annual meeting, Vancouver, B.C. Canada, 8 June 2014

Schaefer N [presenter]. Exploiting existing infrastructure to support the differently-abled. Contributed paper, Medical Library Association annual meeting, Chicago, IL, 19 May 2014

Garcia-Milian R [co-lead and presenter], Norton H [co-lead], Auten B, Buhler AG, Davis VI, Ferree N, Holmes K, Johnson BC, Gonzalez SR, Schaefer N and Tennant MR. Role of librarians in the

development of computer-mediated social networks: challenges and lessons learned from VIVO implementation and outreach. Contributed paper, Special Libraries Association 2011 Biomedical and Life Sciences Division Contributed Papers Session, Philadelphia, PA June 2011
http://ufdc.ufl.edu/IR00000456/00001

Regional

Morgan-Daniel J and Schaefer N [co-presenters]. Assessing our judgement: comparing librarian and allied health professionals' evaluation of relevance of search results. Contributed oral presentation, Southern Chapter Medical Library Association annual meeting, Orlando, FL, 26 October 2018 (3rd place research award)

Meyers S [presenter] and Schaefer N. Identifying and facilitating the use of datasets to improve population health. Contributed oral presentation, Southern Chapter/Medical Library Association annual meeting, Knoxville, TN, 19-22 October 2017

Schaefer N [lead] and Edwards ME [presenter]. Designing and delivering pro-active publication defense. Southern Chapter/Medical Library Association annual meeting, Ridgeland, MS, 19 October 2013 http://ufdc.ufl.edu/IR00006999/00001

Schaefer N [lead and presenter], Rethlefsen ML and Smith KH. New drivers for the range of public health information: Healthy People 2020 Information Access Project and the Public Health Literature Mapping Study. Southern Chapter/Medical Library Association Annual Meeting, Augusta, GA, 5-9 October, 2011

State

Howard A, Schaefer N [co-presenters]. Challenges and potential solutions for work-effort balance in systematic reviews. Invited oral presentation. Florida Health Sciences Library Association annual meeting, Jacksonville, FL 31 March 2017

Grants
Funded externally
Partnering to Provide HIV/AIDS Information Outreach
PI: MR Tennant; Co-PIs: HF Norton and G Kun
Investigators: Ansell M, Jesano R, Schaefer N (7%), Reazer J, Stoyan-Rosenzweig NC, Daley M.
$50K subcontract, National Library of Medicine, 1 year, 2015-6 to *present NLM AIDS resources to faculty, public health and library professionals and health consumers, create videos on local HIV/AIDS resources, and present at professional conferences*

Women's Health and Sex & Gender Differences, 2013-2014 (1-year grant awarded 2 years in a row)
PI: MR Tennant
Investigators: Ansell M, Edwards ME, Norton HF, Schaefer N (my portion 7%)
$50K subcontract, National Library of Medicine and Office of Research in Women's Health to raise awareness, increase research efforts via Open Access funding, collection management and presentations in community and at professional conferences.

VIVO Scholarly Communication.
Investigator, Member of the Outreach Team (my portion 10%)
$12.2M grant, *National Institutes of Health 2010-2012, to create, market scholarly collaboration tool*

Information Access for Public Health Professionals

Co-Principal Investigator (50%), *$50K subcontract, National Network of Libraries of Medicine, 2001-2003, to train employees in 14 North Florida county health departments, Florida Department of Health in health sources, search tips*

Funded internally

2012 Snapshot of Library Services to Current and Future Public Health Professionals
Principal Investigator

$18K University of Florida Faculty Enhancement Opportunity to visit 8 libraries throughout the United States that serve public health students, faculty and researchers.

Works in Progress (target or submitted journals in parentheses, where known)

Meyer S, Hicks A, Schaefer N, and Hogan W. (project funded as part of UF's Clinical & Translational Science Institute pilot grant.) Identifying existing ontologies and identifying and indexing data sets for a precision public health data catalog based on the Precision Public Health LibGuide and the open source coding of the Pitt Data Catalog https://datacatalog.hsls.pitt.edu/ .

Yadav S, Heller I, Schaefer N and Huo S. Costs of palliative care in cancer in the United States: a systematic review. *Palliative Medicine.*

Riaz M and Schaefer N. Systematic review of the effect of national drug pricing policy on overdose prevalence. *The international journal on drug policy.*

Wilfong T, McKune S, Schaefer N and Diaz NF. Animal source food consumption among Ethiopian women and young children: a scoping review of barriers to animal source food consumption. *BMC Nutrition.*

Hassan MZ, Chowdhury MAB, Hasan MIH, Chowdhury F, Schaefer N, Chisti MJ. Respiratory viral infection in early life and development of asthma in childhood: a protocol for systematic review and meta-analysis. JBI *Systematic Reviews.*

Festa BM, Caputo K, Schaefer N, Reschly W, Shama M and Dziegielewski P. Systematic review of P16-negative oropharyngeal squamous cell carcinoma survival: comparing primary surgery to primary chemoradiotherapy. *Oral Oncology.*

DeWit L, Smith G, Marsiske M and Schaefer N. Implicit memory performance in preclinical Alzheimer's and mild cognitive impairment: a meta-analysis. *Neuropsychological Review.*

Sams K, Morgan-Daniel J, Pesata V, Schaefer N, Spooner H, Colverson A, Helgemo MB, Blake D, Sonke J and the Center for Arts in Medicine Interdisciplinary Research Lab . Using arts for health communication and wellbeing local community programs in the United States: a scoping review.

Garg RR, Lam NT, Schaefer N and Silver N. Impact of oral microbiota on head and neck cancer: a scoping review. *Head and Neck.*

Brunny J, Hsaio C, Shell P, Walters AC and Schaefer N. Behavioral approaches to reduction of caesarean sections: a scoping review. *American Journal of Obstetrics and Gynecology.*

Du Bernard S, Chisholm T and Schaefer N. Scoping review: the role of electronic health records in health disparities in cancer screening. *Journal of Health Disparities Research and Practice.*

Chowdhury M, Hassan MZ, Hasan MIH and Schaefer N. Awareness of disease treatment and progression in Bangladeshi Type 2 diabetes, coronary heart disease and hypertension patients.

Relevant Continuing Education Courses Completed (Medical Library Association CE units/credits)

Health Policy Research: Navigating Governmental & Legislative Sources, MLA 2018 Meeting (3 CEU)
Systematic Reviews: Opportunities for Librarians, FHSLA 2017 meeting (20 CEU)
Developing a Formal Systematic Review Service, MLA 2017 Meeting (4 CEU)
What happens after the Search? Pt. 3 of 6-pt. Pieces of Systematic Review MLA webinar series, 2017
Searching Effectively & Efficiently, 2017 Florida Health Sciences Library Association meeting (4 CEU)
GIS for Public Health Information Professionals. NIH/MLA webinar, 15 March 2017

Bodleian Health Care Libraries
Knowledge Centre
ORC Research Building
Old Road Campus
University of Oxford
Oxford OX3 7DQ

4th March 2019

RE: Visit to the Bodleian Health Care Libraries

Dear Nancy,

I would like to invite you to meet the outreach librarians at the Bodleian Health Care Libraries for an experience sharing day at a mutually convenient time in September 2019.

We can finalise an itinerary nearer the time but I would hope the visit would include the following:

- Visit to health care libraries in Oxford
- Discussion of information support for public health practitioners and researchers
- Review the teaching and information services provided to support the conduct of systematic reviews

I look forward to further discussions about your trip and to meeting you in September,

Kind Regards,

Nia

Nia Wyn Roberts
Outreach Librarian
nia.roberts@bodleian.ox.ac.uk

York Health Economic Consortium September 2019 1-day Classes

Course Registration fees: £200 (plus £40 VAT), 10% discount for certain combinations of SR classes, 15% for all 3 (Advanced Search Techniques, Advanced Strategy Design and Software) classes listed below)

Identifying Evidence for NICE Economic Submissions
05 September 2019

Health economics evidence is a key element in much health services research and particularly in health technology assessments. Identifying economic evidence to inform such research can involve searches in a range of databases and using a variety of strategies. This study day will include a 'jargon buster' session on the basics of health economics and economic models. It will also feature presentations about key economics information resources including the CEA Registry, and explorations of options for searching to identify data for economic models. With the closure of key economic evaluation databases (NHS EED and HEED) we will be focusing on how to identify economic evaluations from major bibliographic databases. There will be opportunities for hands-on practice.

https://www.yhec.co.uk/training/identifying-evidence-for-nice-economic-submissions/

Advanced Search Techniques for Systematic Reviews, HTA and Guidelines
24 September 2019

Extensive literature searches are the foundation of high quality systematic reviews, health technology assessment (HTA), guideline development and other major projects. Conducting searches to retrieve research evidence from databases and other resources requires a range of knowledge and skills. There are constant challenges to keeping up-to-date with new database features and approaches to achieving efficient searches. Search approaches may need to be adapted depending on the end-product which the search is informing and the resources available. Search approaches increasingly need to be explained to sponsors and other end-users in terms of the extent to which they are fit-for-purpose.

This workshop will provide opportunities to learn new techniques, to discuss best approaches, to share insights and to assess variations in current best practice. The workshop will be facilitated by information specialists experienced in literature searching to inform systematic reviews and HTAs and in conducting research into the evidence base for information retrieval. Participants are encouraged to suggest topics / issues in advance for discussion during the workshop.

https://www.yhec.co.uk/training/advanced-search-techniques/

Advanced Search Strategy Design for Complex Topics

25 September 2019

This course looks at how to design complex search strategies and complements our training on advanced search techniques. As the volume of published research grows it is becoming more challenging to identify efficiently studies performed according to specific methods or relating to broad topics. As well as increasing volumes of research, many research topics are complex and challenging to capture in search strategies. Examples of complex topics may include, but are not limited to, reviews of complex interventions, reviews requiring the identification of study designs other than RCTs, public health and social care topics, veterinary literature, food and feed safety research.

Information professionals and others wishing to develop search strategies for complex topics face challenges in designing strategies which retrieve relevant material but are also efficient in numbers of records retrieved. As well as approaches to developing strategies to run in traditional bibliographic databases, increasingly text analytical software and text mining techniques are being used to interrogate large literatures. These techniques can be used to identify concepts in complex topics and assist with developing strategies to capture complex topics.

This training event will address the challenges of developing search strategies to capture complex topics in large bibliographic databases using different conceptual combinations and search techniques. The training event will also introduce textual analytic and text mining techniques to demonstrate their potential for strategy design and testing. Participants will undertake exercises using open source visualisation tools to investigate terms within sets of records, in order to explore the value of text mining tools in their own future search strategy design.

https://www.yhec.co.uk/training/advanced-search-strategy-design/

Software to Support the Systematic Review Process
26 September 2019

Systematic reviews can be time consuming, logistically challenging and labour intensive. These and other challenges have led to the development of various special-purpose software tools to support the systematic review production process. Such tools extend beyond the scope of more established general-purpose systems (e.g. reference managers, word processors and spreadsheet packages), which are already in wide use and, instead, aim to provide tailored support for particular review activities or the whole systematic review production process.

This workshop will provide an opportunity to learn about special-purpose software tools currently available to support systematic reviews and to share experiences of using software in practice. The workshop will examine and provide hands-on with both commercial and not-for-profit systematic review management packages (including Covidence, DistillerSR and EPPI-Reviewer), as well as a range of free and commercial tools to tackle single tasks within the systematic review process (such as Rayyan, RobotReviewer and SWIFT-Review).

https://www.yhec.co.uk/training/software-to-support-systematic-review/