

## **Annual Report of the Faculty Committee on Research**

**Faculty Council presentation January 29, 2010**

### **Research Committee 2009-10**

#### *Through 2010*

Kenneth Bollen (Sociology)  
(Committee Chair)

#### *Through 2011*

Kerry Bloom (Biology)  
Martin Doyle (Geography) [on leave]  
David Margolis ( Medicine)  
Eileen Parsons ( Education)

#### *Through 2012*

Louis Bartek III (Geological Science)  
Rita Fuchs Lokensgard (Psychology)  
Shoou-Yih (Daniel) Lee (Health Policy)

Tony Waldrop (Vice Chancellor for Research and Economic Development), Ex-Officio

The Committee met twice during the Fall 2009 semester and has a third meeting scheduled prior to reporting to the Faculty Council on January 29, 2010. This year we continued our work that we started last year with Andy Johns' (Associate Vice Chancellor for Research) group. Andy's group was working with RENCI and others to develop information systems to improve access to faculty expertise and research areas. This system, as it is presently designed, allows a user to search by a research topic (disorder, disease, condition, procedure, population, etc) or by an individual researcher to retrieve a representation of expertise for that individual researcher or topic. The search draws from data that has been collected and aggregated from existing research processes such as grant preparation/submission, intellectual property disclosure and patenting, clinical trials as well as several public repositories of academic publications.

The tool can also be used to help determine *where* researchers are performing their research. An example would be if an end user wanted to identify all locations within the United States where UNC researchers were conducting diabetes research. The system would enable this type of search and display a map of the results.

The Faculty Research Committee met with Andy Johns during the fall. Initially, we received an update on the most current version of the programs. Andy told us that since last year, funding prospects for this project were much brighter and he anticipated making great progress this year. The members of the Committee were given full access

to the programs and worked with it between meetings so that we could pass along suggestions for improvements at the next meeting.

The Research Committee members had numerous comments and suggestions for Andy Johns. Most of these comments had to do with the limited coverage of disciplines in these preliminary versions of the web sites that concentrated on a sample of faculty and areas from health affairs. Andy explained that within the next few months the coverage of faculty and areas will greatly expand. He hopes to have a preliminary expanded version in January, 2010.

Other suggestions were to be sure that the search procedures were capable of locating commonplace terms for conditions that have more formal names (e.g., "heart attacks"); to add a capability to limit search for collaborators and organizations to be within a certain distance from UNC- Chapel Hill; to include linkages of faculty to university centers and institutes; to include a summary statement on the home page of each site to describe purpose and limits of each site; to give options as to how to order the listing of departments and faculty in the search output (e.g., alphabetical vs. number of publications in an area); etc.

The best way to understand the power of this system is to see a demonstration. We have arranged for Andy Johns to do that at the January 2010 meeting of the Faculty Council. We also include an appendix of screen shots of the system as part of this report.

**Appendix: Screen Shots from Searchable Data Base that is being built begins on next page.**

Search experts by concept

e.g. stroke, zebra fish, glucose



by last name

e.g. Smith

**20 Experts found**

- Bangdiwala, Shrikant I
- Chambless, Lloyd E
- Maeda, Nobuyo
- Couper, David J
- Rosamond, Wayne D
- Pomp, Daniel
- Nakamura, Jun
- Ammerman, Alice S
- Vupputuri, Suma
- Jennette, John C
- Beck, James D
- Catellier, Diane J
- Prazma, Jiri
- Berry, Diane C
- Clarke-Pearson, Daniel L
- Runge, Marschall S
- Keagy, Blair A
- Samuel-Hodge, Carmen D
- Weinberger, Morris
- Patterson, Winston Campbell (Cam) C

**Your search terms**

- Diabetes Complications
- Hypertension
- Obesity

**Refine search by adding Concepts****Disorders**

- Coronary Disease
- Atherosclerosis
- Overweight
- Body Mass Index

**Chemicals & Drugs**

- Smoke
- Blood Coagulation Factors
- Lipoprotein(a)
- Factor VIII
- von Willebrand Factor
- Fibrinogen
- Cholesterol, HDL

**Procedures**

- Nutrition Surveys
- Risk Assessment
- Education



computed

## Computed: Godley, Paul A

Prostatic Neoplasms; Carcinoma, Renal Cell; North Carolina; Kidney Neoplasms; European Continental Ancestry Group; Immunotherapy

Coauthors 2. Level 3. Level

**Network:** 32 1197 34022

**Publications:** 26

Invite Paul A Godley to join BiomedExperts

Add Paul A Godley to my contacts

Bookmark Paul A Godley

Network of Paul A Godley



### Profile

### Publications

### Co-authors

### NetworkView

### GeoNetworkView

### Times&Places

#### Disorders

- [Prostatic Neoplasms](#)
- [Carcinoma, Renal Cell](#)
- [Kidney Neoplasms](#)
- [Neoplasm Metastasis](#)
- [Urologic Diseases](#)
- [Urinary Tract Infections](#)
- [Bone Neoplasms](#)
- [Carcinoma](#)
- [Obesity](#)
- [Pain](#)
- [Hypertension](#)
- [Breast Neoplasms](#)

#### Concepts & Ideas

- [Risk Factors](#)
- [Treatment Outcome](#)
- [Socioeconomic Factors](#)
- [Survival Rate](#)

#### Geographic Areas

- [North Carolina](#)
- [United States](#)
- [Louisiana](#)

#### Procedures

- [Immunotherapy](#)
- [Mass Screening](#)
- [Case-Control Studies](#)
- [Nephrectomy](#)
- [Digital Rectal Examination](#)
- [Combined Modality Therapy](#)
- [Diagnosis, Differential](#)
- [Microarray Analysis](#)
- [Diet Surveys](#)
- [Chromatography, Gas](#)
- [Radiotherapy, Adjuvant](#)
- [Biomedical Research](#)
- [Health Care Surveys](#)

#### Living Beings

- [European Continental Ancestry Group](#)
- [African Americans](#)
- [African Continental Ancestry Group](#)
- [Continental Population Groups](#)
- [Clinical Trials Data Monitoring Committees](#)
- [Research Subjects](#)
- [Medically Uninsured](#)
- [Minority Groups](#)
- [Research Personnel](#)
- [Hispanic Americans](#)
- [Asian Continental Ancestry Group](#)
- [Fishes](#)
- [Ethnic Groups](#)

#### Chemicals & Drugs

- [Prostate-Specific Antigen](#)
- [Fatty Acids, Omega-3](#)
- [Interleukin-2](#)

Help us make your profile perfect

**Disorders**

- [Cardiovascular Diseases](#)
- [Hypercholesterolemia](#)
- [Obesity](#)

Ammerman Alice; Leung May May; Cavallo David

**Addressing disparities in the obesity epidemic.**

North Carolina medical journal 2006;67(4):301-4.

Show Abstract

Perrin Eliana Miller; Flower Kori B; Garrett Joanne; Ammerman Alice S

**Preventing and treating obesity: pediatricians' self-efficacy, barriers, resources, and advocacy.**

Ambulatory pediatrics : the official journal of the Ambulatory Pediatric Association 2005;5(3):150-6.

Show Abstract

Perrin Eliana M; Flower Kori B; Ammerman Alice S

**Pediatricians' own weight: self-perception, misclassification, and ease of counseling.**

Obesity research 2005;13(2):326-32.

Show Abstract

Katz Mira L; Gordon-Larsen Penny; Bentley Margaret F; Kelsey Kristine; Shields

**Activities & Behaviors**

- [Food Habits](#)
- [Motor Activity](#)
- [Life Style](#)
- [Program Evaluation](#)
- [Exercise](#)
- [Attitude to Health](#)
- [Community-Institutional Relations](#)
- [Health Knowledge, Attitudes, Practice](#)
- [Risk Reduction Behavior](#)
- [Needs Assessment](#)
- [Program Development](#)
- [Health Behavior](#)
- [Outcome Assessment \(Health Care\)](#)
- [Physician's Role](#)
- [Consumption](#)
- [Social Support](#)
- [Physician's Practice Patterns](#)
- [Patient Compliance](#)
- [Alcohol Drinking](#)
- [Emigration and Immigration](#)
- [Cooperative Behavior](#)
- [Communication](#)
- [Mail](#)
- [Smoking](#)

**Ammerman, Alice S****Department**[Nutrition](#)**Email**[ammerman@unc.edu](mailto:ammerman@unc.edu)



## Computed: Godley, Paul A

Prostatic Neoplasms; Carcinoma, Renal Cell; North Carolina; Kidney Neoplasms; European Continental Ancestry Group; Immunotherapy

	Coauthors	2. Level	3. Level
<b>Network:</b>	32	1197	34022
<b>Publications:</b>	26		

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Network of Paul A Godley



Profile

Publications

Co-authors

NetworkView

GeoNetworkView

Times&Places

- First Author
- Last Author

1. **2008:** Robinson Whitney R; Poole Charles; Godley Paul A  
**Systematic review of prostate cancer's association with body size in childhood and young adulthood.**   
 Cancer causes & control : CCC 2008;19(8):793-803.  
 Department of Epidemiology, University of North Carolina, CB# 7435, McGavran-Greenberg, Chapel Hill, NC, 27599-7435, USA, whitney\_robinson@unc.edu.
2. **2008:** Peppercorn Jeffery; Buss William G; Fost Norm; Godley Paul A   
**The dilemma of data-safety monitoring: provision of significant new data to research participants.**  
 Lancet 2008;371(9611):527-9.  
 Division of Hematology/Oncology, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599-7305, USA. jpepper@med.unc.edu
3. **2008:** Carpenter William R; Robinson Whitney R; Godley Paul A   
**Getting over testosterone: postulating a fresh start for etiologic studies of prostate cancer.**  
 Journal of the National Cancer Institute 2008;100(3):158-9.
4. **2008:** Castel Liana D; Saville Benjamin R; Depuy Venita; Godley Paul A; Hartmann Katherine E; Abernethy Amy P  
**Racial differences in pain during 1 year among women with metastatic breast cancer: a hazards analysis of interval-censored data.**  
 Cancer 2008;112(1):162-70.  
 Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill, Chapel Hill, North Carolina 27599, USA. liana@unc.edu
5. **2007:** Walker Tessa A; Howard Daniel L; Washington Chanetta R; Godley Paul A   
**Development of a health sciences library at a historically black college and university (HBCU): laying the foundation for increased minority health and health disparities research.**  
 Journal of the Medical Library Association : JMLA 2007;95(4):439-41.  
 The Institute for Health, Social, and Community Research, Shaw University, 900 South Wilmington Street, Raleigh, NC 27601, USA. twalker@shawu.edu



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Profile	Publications	Co-authors	NetworkView	GeoNetworkView	Times&Places
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Name	Number of Publications
A  Amamoo, M Ahinee	4 out of 9
Ammerman, Alice S	1 out of 63
Ataga, Kenneth I	1 out of 24
B  Bensen, Jeannette T	1 out of 23
C  Carpenter, William R	4 out of 8
Castel, Liana D	1 out of 13
Clark, Jack A	1 out of 10
Carey, Timothy S	1 out of 71
D  DePuy, Venita	1 out of 12
F  Fontham, Elizabeth T H	1 out of 90
G  Galanko, Joseph A	1 out of 64
H  Howard, Daniel L	3 out of 11
Hartmann, Katherine E	1 out of 45
I  Ivanova, Anastasia	1 out of 17
K  Kshirsagar, Abhijit V	1 out of 29
M  Martinson, Francis E A	2 out of 35
Mishel, Merle H	1 out of 32
Mohler, James L	1 out of 92
P  Peacock, Sharon	2 out of 5
Poole, Charles	1 out of 29
R  Rathmell, W Kimryn	2 out of 16
...	1 out of 70

# Network of Godley, Paul A

Copublications 0

Publications 0

Connections 0

**Name:** Godley PA

Firstname: Paul A

Publications: 26

Connections: 30



[full details >>](#) [open network >>](#)

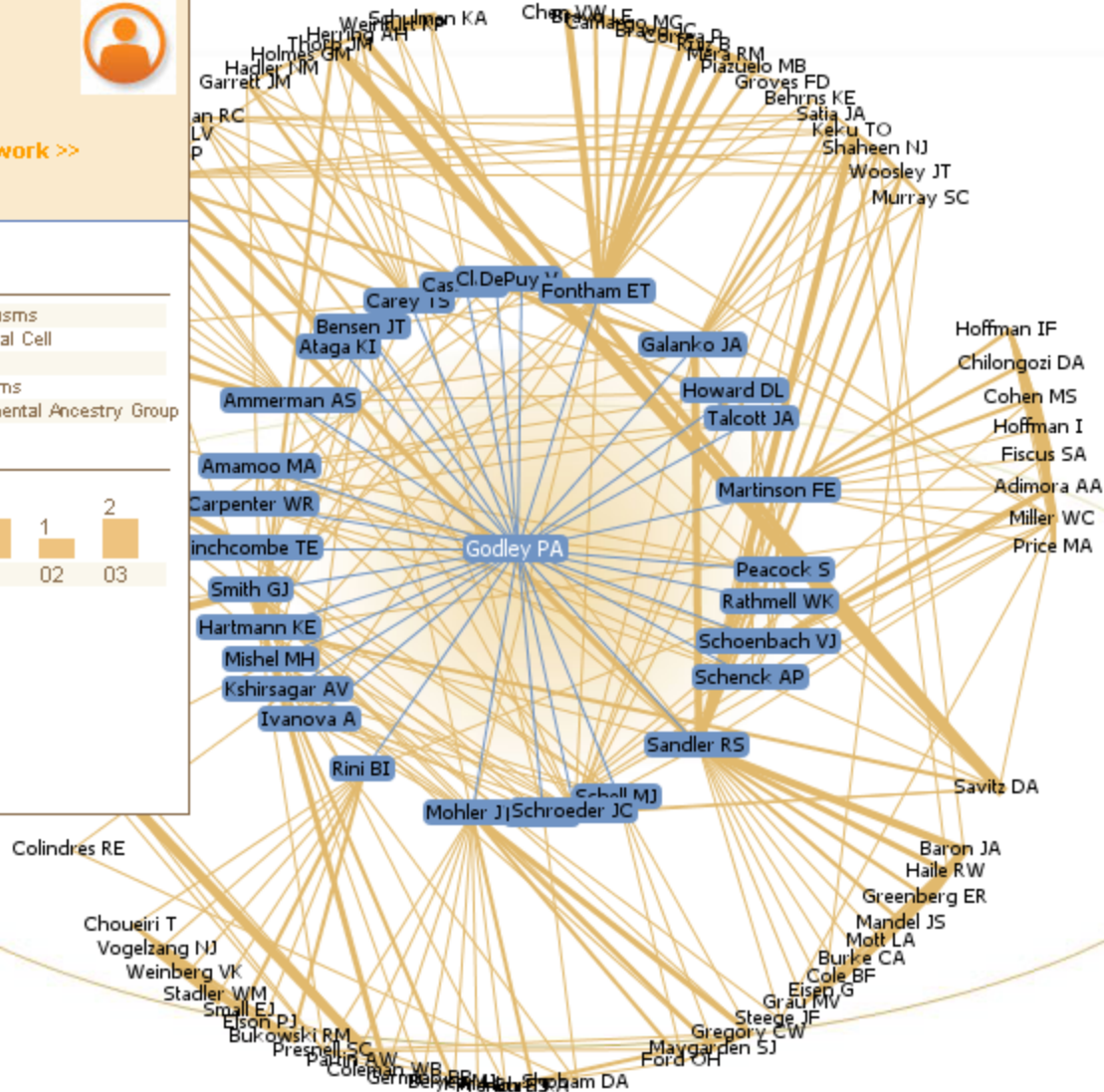
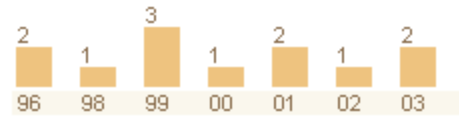
Profile

Publications

## research profile



## publication timeline







Concepts

Experts

Journals

Publication Types

Departments

MeSH

Chemicals

blood glucose

search

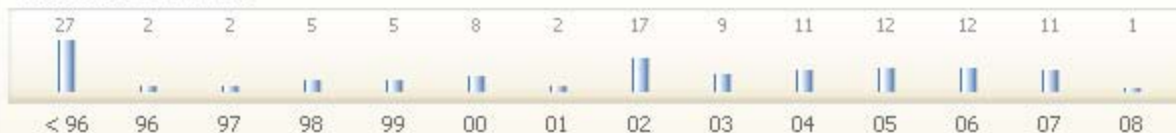
+ Diseases (14569)

- Chemicals and Drugs (17632)

- + Amino Acids, Peptides, and Proteins (10658)
- + Biological Factors (4520)
- + Biomedical and Dental Materials (916)
- Carbohydrates (2295)
  - Acetylgalactosamine (9)
  - Acetylglucosamine (9)
  - Adenosine Diphosphate Ribose (5)
  - Adriamycin (6)
  - Agar (35)
  - Aggrecans (10)
  - Alginates (7)
  - Amikacin (4)
  - Aminoglycosides (12)
  - Amphotericin (12)
  - Amphotericin B (12)
  - Anthracyclines (12)
  - Arabinose (5)
  - Ascorbic Acid (44)
  - Azithromycin (12)
  - Bleomycin (7)
  - **Blood Glucose (124)**
  - Carboxymethylcellulose (8)
  - Cellulose (29)
  - Coumarins (11)

## Blood Glucose 124 Publications

### Publication Timeline



Profiles

Publications

Experts

Journals

Departments

### MeSH

#### Disorders

- [Sweating](#)
- [Diabetes Mellitus, Type 2](#)
- [Hyperglycemia](#)
- [Obesity](#)
- [Diabetes Mellitus](#)
- [Dyslipidemias](#)
- [Cancer](#)
- [Diabetes Complications](#)
- [Fatty Liver](#)
- [Insulin Resistance](#)
- [Body Mass Index](#)
- [Weight Loss](#)
- [Hypertension](#)

### Chemicals

- [Blood Glucose](#)
- [Insulin](#)
- [Hemoglobin A, Glycosylated](#)
- [Lactates](#)
- [Lipids](#)
- [Cholesterol](#)
- [Hypoglycemic Agents](#)
- [Triglycerides](#)
- [Leptin](#)
- [Glucose](#)
- [Aldehyde Reductase](#)
- [Biological Markers](#)
- [Dietary Carbohydrates](#)
- [Fatty Acids, Nonesterified](#)



Search

MeSH

Blood Glucose



Obesity



Profiles

**Experts**

Journals

PubType

Departments

## 21 Publications

2007: Stookey J D; Barday D; Arieff A; Popkin B M

### **The altered fluid distribution in obesity may reflect plasma hypertonicity.**

European journal of clinical nutrition. 2007;61(2):190-9.

Pubmed Abstract

2006: Shapiro Jennifer R; Stout Anna L; Musante Gerard J

### **"Structure-size me:" weight and health changes in a four week residential program.**

Eating behaviors. 2006;7(3):229-34.

Pubmed Abstract

2006: Bauche Isabelle B; Ait El Mkadem Samira; Rezsohazy René; Funahashi Tohru; Maeda Norikazu; Miranda Lisa Miranda; Brichard Sonia M

### **Adiponectin downregulates its own production and the expression of its AdipoR2 receptor in transgenic mice.**

Biochemical and biophysical research communications. 2006;345(4):1414-24.

Pubmed Abstract

2006: Harrell Joanne S; Jessup Ann; Greene Natasha

### **Changing our future: obesity and the metabolic syndrome in children and adolescents.**

The Journal of cardiovascular nursing. 2006;21(4):322-30.

Pubmed Abstract

2005: North Kari E; Almasy Laura; Göring Harald H H; Cole Shelley A; Diego Vincent P; Laston Sandra; Cantu Teresa; Williams Jeff T; Howard Barbara V; Lee Elisa T; Best Lvle G; Fabsitz Richard R; MacCluer Jean W

## Experts

<a href="#">Pomp Daniel</a>	2
<a href="#">Edwards Lloyd J</a>	2
<a href="#">Popkin Barry M</a>	1
<a href="#">North Kari E</a>	2
<a href="#">Shapiro Jennifer R</a>	1
<a href="#">Nakamura Jun</a>	2
<a href="#">Bangdiwala Shrikant I</a>	1
<a href="#">Maeda Nobuyo</a>	3
<a href="#">Kaufman Jay S</a>	1
<a href="#">Brouwer Kim R</a>	1
<a href="#">Harrell Joanne S</a>	1
<a href="#">Switzer Boyd R</a>	1
<a href="#">Truesdale Kimberly P</a>	1
<a href="#">Weinberger Morris</a>	1
<a href="#">Persky Adam M</a>	1
<a href="#">Harp Joyce B</a>	1
<a href="#">Cai Jianwen</a>	1
<a href="#">Stevens June J</a>	1