CURRICULUM VITAE

**Name** Edward Joseph Gracely, Ph.D.

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Updated May 28, 2024

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* PubMed publications database, My Bibliography: <http://www.ncbi.nlm.nih.gov/sites/myncbi/1DCdw_jBztlQl/bibliography/48636822/public/?sort=date&direction=ascending>
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**Research identifiers**

* eRA Commons name:Gracely1
* Researcher ID:B-7188-2014
* ORCID ID:0000-0002-8344-3223
* Web of Science ID Q-6369-2019

**Education**

1987 Ph.D. in Quantitative Psychology from Temple University.

Dissertation: The conditions under which the Chi-Square test may be used to test homogeneity in R X C tables

1980 M.A. in Quantitative Psychology from Temple University.

Thesis: untitled project on the adequacy of the Chi-square test in 2 X 2 tables under various models.

1976 B.A. in Mathematics (Cum Laud) from Temple University.

**Postgraduate Training**:

 3-week summer epidemiology training at Tufts (1989).

 1-week intensive effective teaching workshop at MCP (1986?)

**Other Skills**

* Microsoft Office, especially Word and Excel. Powerpoint.
* SPSS statistical software. Basic SAS, Stata, R, and Epi Info.
* Visual Basic in an Excel framework.
* Basic html and Wordpress. Some Drupal.
* Trained facilitator in Drexel's former PIL (Problem-based-learning track) and Case Based Learning.
* Trained moderator (and a trainer) for the League of Women Voters.

**Employment History**

1980-1994 Hahnemann High Risk Project, Dr. George Spivack as Principal Investigator. Statistical consultation and analysis.

1981-1985 Assistant statistical consultant at MCP

1983-1995 Temple Psychiatry Department's Agoraphobia and Anxiety Program. Statistical consultant and database manager.

 1984-1985 Research associate on an NIMH grant, Dr. Rex S. Green as P.I. The grant was to Dr. Green as a Community and Preventive Medicine Faculty member at MCP. The grant involved multidimensional scaling and its role in the development of Psychological scales.

1986-1989 Instructor in the Department of Community and Preventive Medicine at what was then MCP.

1989-1997 Assistant Professor in the Department of Community and Preventive Medicine at MCP Hahnemann School of Medicine.

1997-Pres. Associate Professor in the Department of Family, Community, and Preventive Medicine in the Drexel University College of Medicine (formerly MCP Hahnemann School of Medicine). Joint appointment in the Drexel University School of Public Health since early 2000’s.

**Certification** **and licensure**:

**Institutional Training Certifications**

 **Computer safety/security**

* Phishing: 9-14-17
* Cyber security 3-28-2021
* Information Security 4-1-24

**Personnel, safety, harassment**

* Without Regard Certificate (on non-discrimination): 11-8-11.
* Preventing Workplace Harassment: 6-4-2013
* Environmental health and safety: 11-2015
* Cleary Act: 5-7-2017 (Crime reporting)
* Inclusive communities: 9-14-17
* Title IX 9-13-19 8-29-22 3-26-24
* Protection of Minors and Reporting Child Abuse: 9-17-2019, 6-27-23, 5-21-24
* Drexel's Culture of Inclusion and Belonging 5-19-21
* Drexel Workplace Privacy and Confidentiality 9-13-22
* Compliance at Drexel: Everyone’s Responsibility 10-2-23
* Active Shooter: 4-22-24

**Animal care/committee**

* LATA Basic Animal Care: 3-14-2011
* CITI Essentials for IACUC members: 11-19-15
* CITI IACUC investigators, staff, students: 2017, 6-21-2020, 5-8-23 (expires 5-8-26)
* CITI Wildlife: 7-5-18
* Animal Care Occupational Safety: 11-03-2022 (required for IACUC inspections).

**Research/IRB Certifications**

* HIPAA Part I: DU internal training module -- 12-19-2003
* HIPAA Part II (e-Security): DU internal training module --4-11-05
* Human Subjects Research, Basic Course: CITI 6-24-10
	+ CITI Refresher course: 2013, 2016, 2019, 3-29-22 (expires 3-28-25)
* Responsible Conduct of Research: CITI 7-8-10
* HIPAA Privacy and Security: 8-27-2018 Not CITI.
* CITI COI Medical COI: 1-30-23 (expires 1-30-2027)
* Privacy/Security (HIPS): CITI 3-18-22 (expires 3-17-2025)

 **Lankenau/MHLB CITI courses**

* Group 1.Biomedical Research Investigators and Key Personnel: 2022.11.23 (expires 11-22-2025)
* CITI Financial COI: 2022.11.22 (expires 11.22-2026)

**Other**

* Service Excellence Certificate: 3-30-2011
* Conflict of Interest (and code of conduct): 10-4-22

**Military service:** None

**Honors and Awards: Internal**

1988 "**Special Apple Award**" from the MCP medical school first year class.

2001 - The students in the IFM and/or PIL tracks have nominated me for the COM Golden Apple Awarda number of times (class of 2003, 2004, 2005, 2006, 2009, 2012, 2018, 2019, 2020 PIL (twice!) and the complete class of 2021 (the PIL/IFM division was removed). I believe “nomination” requires at least two students to name you and is considered an honor in itself.

2008 Elected to **Alpha-Omega-Alpha Honor Society** by faculty.

2008 Received the **Angelo Pinto Basic Science Educator Award**.

2009 Nominated for Hygeia Award in the School of Public Health.

2011 **Golden Apple Award** from the Drexel SPH class of 2011.

2013 **Excellence in Teaching Award** from the residents in the Drexel Family Medicine residency.

2017 **Golden Apple Award** from the first year IFM students in the medical school. That same cycle I was nominated by the second year IFM and first year PIL classes.

2018 Nominated for Golden Apple Award from the first year students in the medical school (for Frontiers).

2021 **Golden Apple Award** from the first year students in the medical school.

2022 **Golden Apple Award** from the first year students in the medical school.

2024 **Golden Apple Award** from the first year students in the medical school.

**Honors and Awards: External**

1994 Commendation from Annals of Internal Medicine for having performed reviewer services in the top 10% for quality.

2011 **Distinguished Service Award** from the Section on Teaching of Statistics in the Health Sciences in the American Statistical Association**.**

2017 Commendation from Pain for being in the top 5 f reviewers.

2021 **Distinguished Service Award** from the League of Women Voters of New Jersey. This is not profession-related. The League is my main social activist organization.

**Membership and offices in** **professional societies**

1991- Member, **American Statistical Association**.

 1999-2004 Member, ASA **Committee on Human Rights and Scientific Freedom**.

1995- Member, ASA **Section on Teaching Statistics in the Health Sciences**. Newsletter editor 2005- 2016. (<http://community.amstat.org/TSHS/announcements/newsletters>). Webmaster2016-.

2013 - Member, ASA Section on Teaching Statistics in the Health Sciences **Resources Portal Board.** I joined fairly early in the board's history and helped think through and develop the Resources Portal, as well as later reviewing a number of proposed entries to it (and successfully submitting one of my own).

2004- "Friend" of the ASA **Committee on Human Rights and Scientific Freedom**. Webmaster 2013- (<http://community.amstat.org/CSFHR/Home/>) .

2005-2011 Member, ASA **Special Interest Group on Volunteerism**. (This group merged into Statistics Without Borders around 2011).

2010- Member, ASA Outreach group **Statistics Without Borders**. I've helped on three projects and done administrative tasks like helping create a SWB survey and serving on the QA team. Currently Vice Chair of the QA committee. I gave a talk on SWB by invitation to the local ASA chapter, and repeated it for our SPH Epi/Bio department in Oct 2017. I have, as of spring 2022 also taken on a role with the Operations team at SWB, mostly figuring out the tricks of the new web site and helping members with issues they encounter.

**Institutional committee and administrative service**

Note that in all cases, Drexel committees were MCP Hahnemann (and sometimes Allegheny University) committees before various institutional changes.

***Current committees***

 1995 - **University**: Statistician for and Member, Institutional Animal Care and Use Committee (IACUC), Drexel University. As statistician I look at all 5-10 monthly protocols from a numbers perspective both during pre-review and full review. I also participate in twice-yearly facility inspections and other tasks. Current term ends 3-10-2027

1995 - **COM**: Member, First and Second Year Subcommittee of the Educational Coordinating Committee, Drexel University College of Medicine. This has now become the "Phase 1 committee" using our new terminology.

1998 - **COM:** Member, Pre-clinical Promotions Committee, Drexel University College of Medicine (**Chair** 2002-2004, 2010-2012, and at various points in the past). Elected as a non course director member in fall 2017 (through August 2021, reelected for another term at that time). I serve as unofficial secretary, taking the minutes at most meetings (for a number of years).

2017 - **SPH**: Member, Epidemiology/Biostatistics Department Curriculum Committee

2023 - **SPH**: Member, Executive Committee of the Faculty.

 ***Previous committees***

1988-1992 Member, Education Research Grants Committee, MCP.

1991-1992 Member, Student Advisory Committee, MCP.

1991-1993 **Chair**, Basic Sciences Subcommittee of the Curriculum Comm., MCP Hahnemann School of Medicine

1989-1994 Member, Computer Committee, MCP Hahnemann School of Medicine

1990-1994 Member, Library Committee (Chair, 1991-1992), MCP Hahnemann School of Medicine

1993-1994 **Chair**, Curriculum Committee, MCP Hahnemann School of Medicine

1993-1994 Member, AHERF Delaware Valley Task Force, MCP Hahnemann School of Medicine

1994-1996 Member, Academic Informatics Committee, MCP Hahnemann School of Medicine

1994-1997 **Chair**, Task Force for the MCP Curriculum, MCP Hahnemann School of Medicine. This task force followed the class of students enrolled as MCP-only students until they graduated.

1994-1997 Member, Institutional Research Committee, MCP Hahnemann University.

 1996-1997 Departmental representative to the Faculty Steering Committee, MCP Hahnemann School of Medicine

1996-1997 Faculty representative to the Executive Faculty, MCP Hahnemann School of Medicine

 1994-1997 Member (Ex Officio), Educational Coordinating Committee, MCP Hahnemann School of Medicine

1995-1997 Member, MD-MPH Planning Committee, School of Public Health, MCP Hahnemann University.

1991-1998 Member, Introduction to the Patient Committee of PIL program, MCP Hahnemann School of Medicine

 1994-1998 Member, CQI committee of the PIL program, MCP Hahnemann School of Medicine

1995-1998 **Chair**, First Year Evaluations Subcommittee of the Promotions Committee, MCP Hahnemann School of Medicine

1996-1998 Member, Promotions Committee School of Public Health, MCP Hahnemann University.

 1994-1998 Member, Medical School Research Committee, MCP Hahnemann School of Medicine.

1997-1999 Member, Research Subcommittee of the Domestic Violence Task Force, MCP Hahnemann University.

 1998-2000 Departmental Representative to the Faculty Steering Committee, MCP Hahnemann School of Medicine.

1998-2000 **Chair**, Preclinical Promotions Committee, MCP Hahnemann School of Medicine.

1999-2000 Elected alternate representative to the Executive Faculty, MCP Hahnemann School of Medicine.

1997-2001 MD-MPH Curriculum Committee, School of Public Health, MCP Hahnemann University.

1997-2001 Member, Committee on Committees, MCP Hahnemann School of Medicine.

1999-2003 SPH: Member, Admissions Committee, School of Public Health, Drexel University.

2001-2013 **SPH**: Member, Community Based Masters Project Oversight Committee, School of Public Health, Drexel University. **Chair** 2005-2013.

2001-2003 SPH: Member, Educational Coordinating Committee, School of Public Health, Drexel University.

2004-2005 SPH: Member, Student Promotions Committee, School of Public Health, Drexel University.

2005 - 2022 **COM**: Member, Bylaws Committee, Drexel University College of Medicine. **Chair** from August, 2006 through June 2010 and again July 2020-June 2021.

2005-2013 **SPH**: Member, Student Admissions Committee, School of Public Health, Drexel University.

2006-2013 **SPH:** Member, Educational Coordinating Committee, School of Public Health, Drexel University.

2008-2009 SPH: **Chair**: Education Strategic Planning Task Force.

2009 - 2022 **COM**: Member, Finance Committee, Drexel University College of Medicine. **Chair 2011- 2013**. Off for a year, then back on as member 2014. Off a year, reappointed 2017.

2011- 2013 **COM**: Co-Chair, Faculty sub-committee of the LCME preparedness task force.

2014 - 2018 **COM**: Member, Faculty Appointments and Promotions.

2016 - 2022 **University**. Student Conduct Board. I have been able to sit on cases every now and then, most recently several appeals in February and April 2022. I decided to rotate off the committee after the 21-22 academic year. They have more faculty/staff than they need – it’s a race to get on a case.

2017 - 2023 **SPH**: Member, Bylaws Committee. Major rewrite of the bylaws in 2020-2021. At times this was the single most intense activity for weeks on end. **Chair** from 2021-2023.

2018 - 2020 **SPH**: Member, Student Admissions Committee. I had previously served on this committee for most years from 1999 through 2013.

**Extramural committee and administrative service: Professional**

 1994-1997 Reviewer for the Annals of Internal Medicine

 1996-2000 Statistical Associate Editor of the Journal of Gerontology: Biological Sciences.

2000- Editorial board member for Pain Medicine in my role as statistical reviewer.

2004- Reviewer for Academic Medicine. As needed, 2-3 per year most years.

2005- Editorial board member for Pain (as of 2007) in my role as statistical reviewer..

2008-2009 Member, League of Women Voters of the US Election Auditing Task Force (I was the statistician on the task force, so this is semi-professional). Final report issued 1-09.

2012- Reviewer for Journal of Statistics Education. Very sporadic.

2016- Column co-editor for Chance magazine (Column is for the Teaching of Statistics in the Health Sciences. The two co-editors solicit columns from contacts).

**Commun****ity Service/ Volunteer Activities, non-professional (Bold are current)**

1976-1983 Volunteer reader for the blind at Temple University (dates approximate).

1979-1981 Member, Lenape Valley Jaycees.

1987-1990 Co-chair, Advocates for Human Needs, Bucks County PA.

1989-1993 Member, Camden County Ethics Commission.

1990-1997 Member. Winslow Township Municipal Drug Alliance (Secretary 1990-1993, Chair 1994-1996).

1991-1993 Member, Winslow Township Community Leaders in Action.

1997-2001 Block Captain and Secretary, Avandale Residents’ Association

1988-Pres. **Board Member, League of Women Voters of Camden County, NJ**. (Vice President: 1989-1993, President or Co-President: 1994-1997, Secretary: 1997-1999, Bulletin Editor: 1999-present, Webmaster: 2009-, Twitter account creator and manager: 2014-, Facebook account creator and manager 2016-).

1990-Pres. **Member, Amnesty International**. I write actively for Amnesty. In 2015, not counting instant click and sends, I called a US official once, and wrote on seven appeals (mix of individual emails, faxes, and postal letters).

1997-2019. Board Member, League of Women Voters of New Jersey. Secretary-Treasurer, 1999- 2007, again 2013-, Secretary 2007-2013. Program Vice President 2015-.

2019-2023 **Budget Director**, League of Women Voters of new jersey (Off board).

2023-Pres, **Moderating Committee Co-chair**, League of Women Voters of New Jersey (Off board).

1997-2009 Member, Friends of the Camden County Library, South County. Secretary, 2002- 2007.

2010-2015 Primary web editor for Building One NJ (a social justice organization).

2011-Pres. **Board Member, UN Association of the USA: Greater Philadelphia Chapter**. Secretary 2014-. Nominating Committee Chair 2006, member 2007, active off-board since 2003.

2012-2020 **Nature Center volunteer** at the Scotland Run Park nature center in Gloucester County, NJ.

**Educational Activities: Selected**

 ***Current and continuing******-- major teaching activities in my field***

1988-Pres. **Director and sole instructor of the Graduate Biostatistics I course** for Masters and Ph.D. students at Drexel University College of Medicine in the Biomedical Graduate Program. Biostatistics I is offered every year.

2003-Pres. **Introductory Biostatistics Instructor** for the full time students in the Drexel MPH curriculum. I have taught every year, but the details have changed with the curriculum. From a single introductory statistics course, to a mixed epidemiology/biostatistics class only for epidemiology majors with a co-instructor, to a stand alone more advanced intro biostats course for epidemiology majors, then back to an intro biostatistics class for the entire school.

2017- **Content expert (Thread leader) for the Frontiers course** for medical students at Drexel University College of Medicine. This is where my statistics (and later epidemiology) teaching, in PMR since 1999, has gone.

 ***Current and continuing -- electives, short courses, and invited classes.***

 1990-Pres. **Co-Director, now sole director (1999-) of the Clinical Epidemiology Elective (Student Journal Club)** for medical students at Drexel University College of Medicine. This was on a temporary hiatus, but restarted in the spring of 2011 and is going well.

 1995-2019 **The statistics instructor in the annual Fundamentals of Medical Research course** at Drexel University College of Medicine for faculty, especially fellows and researchers. I teach 4 hours. This has become sporadic but may be restarted. We have far fewer residents now that Hahnemann has closed. This may restart, but gets less likely every year.

Ongoing **I give internal invited talks** to various groups throughout the year, generally on introductory statistical and/or research design concepts. Medicine residents and fellows, public health students as part of a survey design class, HU Radiology residents, HU Ophthalmology and others over the years. March 4, 2021, I gave a talk to the DSPH Advanced Epidemiology class on power. March 31, 2021 I gave a talk on Screening for St. Chris residents. In 2021-2022 I gave a talk to Professional Masters students on Sept 10, 2021 and to the residents at St. Chris on 9-14-21 (another scheduled).

 ***Facilitating and other activities not related to my field.***

2017-Present **Case-Based Learning facilitator**: 2 hours most weeks of the academic year, plus evaluations, Individual Progress Assessments, facilitator meetings, review of cases, etc.

***Thesis committees and major advising***

1997 - **Thesis committee member for students in other Drexel schools**: Member of over 20 doctoral committees since 1997, mostly in Physical Therapy, one in Biology

2000 - **Thesis committee chair** for Community Based Masters Project students in the Drexel SPH. Two most years, so approaching 40 total.

2006-2013 **Advisor and project chair** for Executive Program Students in the Drexel SPH.

2008- **Dissertation Committee member** for students in DrPh and PhD programs in the Drexel SPH. 8 DrPH, one Epi PhD.

 ***Previous educational activities***

1978-1982 Teaching Assistant responsible for several introductory statistics courses for Psychology students at Temple University.

1984 Director of the computer course for Masters and Ph.D. students at MCPHU, mainly covering the use of the VAX-VMS operating system and SPSSX.

1982-1985 Guest lecturer in the Principles of Medical Research course (first year medical students) and Graduate Biostatistics course (Masters and Ph.D. students) at MCPHU.

1993 Primary instructor in the statistics portion of Hahnemann's Medical Decision Making course for medical students. (This was before the merger -- I was brought in because no internal resource was available).

1996-1999 Co-Director and one of two primary instructors for the Principles of Medical Research course for medical students at Drexel University College of Medicine. In 1999 I became sole director (see above).

1987-1997 Substitute small group leader in medical ethics course at MCP Hahnemann. This role typically required my services in 4 - 5 of the 9 classes.

1996-2002 Facilitator for Culture and Communication Day, for second year medical students at Drexel University College of Medicine.

1996 Instructor in Board Review class for Hahnemann track upper class medical students, MCPHU.

1986-1999 Co-director, responsible for statistics section, of the Principles of Medical Research course for medical students at MCP Hahnemann School of Medicine. (As of 1999, sole director. See above).

1997-2003 Facilitator and Statistics Block Director in the School of Public Health’s problem based curriculum. Since 2003 the role has become Block Director and instructor, as the problem-based features have been removed from statistics instruction.

1998-2016 The statistics instructor or co-instructor in the Department of Physical Therapy’s Research Methods course for entry-level physical therapy students, College of Nursing and Health Professions, Drexel University. Note that there are a few years when someone else taught the class, or part of it. Recently the course has been co-taught with Dr. Bob Palisano in CNHP.

1999-2004 The statistics instructor in the Epidemiology and Biostatistics course for laboratory animal science students, Drexel University College of Medicine. As of 2005, the class was merged into another class.

1999-2017 Director and primary instructor for the Principles of Medical Research course for medical students at Drexel University College of Medicine. (I had been co-director since 1986).

2004 Instructor to Philadelphia Health Management Corporation in a series of brief, introductory statistics talks.

2002-2011 Statistics instructor at Philadelphia University: About 10 hours of introductory material, for which my Drexel department receives salary support payments. I expected to do this again in 2012, but they wanted to save money and do it internally!

2010 Built Environment Assessment Training (U of PA) faculty for a Data Analysis Lab on Statistical Methods and SPSS, June 17, 2010

2012-2016 Pennsylvania Public Health Trainingsessions -- typically two sessions (introductory and intermediate) each 3 hours long, for local public health practitioners. This is organized by a Drexel-led department. This has not been quite annually in the past few years. But in May 2016 I drove up to Bethlehem to give a morning session for the training group.

1993-2016 Small group facilitator in PIL, Drexel University College of Medicine's problem based learning track. This track is being eliminated. I’ll be facilitating case based learning instead.

1993-2018. Facilitator for Individual Progress Assessment exams in PIL.I have been doing primary Care Practicum Reviews at the end of their first year as well. As of 2018 PIL is gone.

2015- 16 Plagiarism -- Can you recognize it when you see it? Tips and subtleties. Talk to incoming students in the Drexel SPH in fall 2015 and 2016.

1992-2018 The resource faculty member responsible for statistics and epidemiology in PIL,which was Drexel University College of Medicine's problem-based learning track for medical students. As of spring 2018 this program is ending.

**Clinical activities:** N/A.

**Grant su****pport: current**

None.

**Grant support: Pending**

None.

**Grant support: previous**

P.I.: Eddy Bresnitz, MD, MS

Title: Preventive Pulmonary Academic Award

Source: NIH

Period: June 1, 1990 - May 31, 1995

Total direct: $382,883

Role: Quantitative Psychologist (5% salary)

P.I.: Ajit Sachdeva, MD

Title: The effect of standardized patients' teaching and assessment using a competency model for learning essential clinical skills

Source: Association for Surgical Education

Period: No fixed period. Roughly July 1, 1994 - June 30, 1995

Total direct: $5,200

Role: Co-investigator ($480)

P.I. Dennis Novack, MD

Title: Faculty development in general internal medicine and pediatrics

Source: Bureau of Health Professions

Period: July 1, 1994 - June 30, 1996

Total direct: $409,105

Role: Key personnel, faculty mentor (5%)

P.I. Janet Fleetwood, Ph.D.

Title: Medical ethics and experiential learning: improving future physicians' clinical competency

Source: Charles E. Culpeper Foundation

Period: July 1, 1995 - June 30, 1997

Total direct: $105,006

Role: Statistician (2.5% salary)

P.I. Eddy Bresnitz, MD, MS

Title: Clinical pathways to promote inpatient vaccinations

Source: CDC/ATPM

Period: October 1, 1995 - June 30, 1998

Total direct: $138,030

Role: Biostatistician (10% salary in first two years, 1% in last year.)

P.I. Janet Fleetwood, Ph.D.

Title: Computer-based-learning in medical ethics and communication skills on the world wide web

Source: The Greenwall Foundation

Period: July 1, 1996 - June 30, 1998

Total direct: $163,185

Role: Statistician (2.5% salary)

P.I. Peter D. Katsikis, Ph.D.

Title: IL-15 treatment of SIV infected non-human primates

Source: NIH/NIAID

Period: 2004-08. Extended to 2010, without additional funding,

Total direct: $2,196,685 (“total costs”, may not be all direct).

Role: Co-Investigator, 3% effort.

P.I. Mariana Chilton, PhD

Title: The Philadelphia GROW project

Source: Claneil Foundation

Period: July 2004-July 2010

Total direct: $1.08 million

Role: Statistician for 5%

PI: Margo N. Orlin PT, PhD

Title: Biomechanics of Running in Cerebral Palsy

Source: United Cerebral Palsy Research and Education Foundation

Period: July 1, 2007 till June 30, 2010

Total direct: $225,000

Role Grant personnel – statistician. Year 1 at 2% of salary plus benefits.

P.I. Campbell, Carla, MD

Title: Analysis of Effectiveness of an Innovative Law Enforcement Strategy: The Philadelphia Lead Court Study

Source: Robert Wood Johnson Foundation

Period: Dec. 2 2009 till May 31, 2011 (18 months)

Total direct: $96,014

Role: Statistician/co-investigator, 2% salary support

P.I. Hans Schlecht, MD

Title: Medical Simulation To Improve Consult Quality by Infectious Diseases Trainees

Source: IBC

Period: 7/1/12 – 6/30/13

Total Direct: $43,935

Role: Statistician for 5% time

P.I. Martin-Garcia, Julio PhD

Title: R01 NS065727: Brain HIV-1 isolates/envelopes: CD4 dependence, fusogenicity and neurotoxicity

Source: NIH (NINDS)

Period: 7/1/09 – 6/30/14

Role: Bio-Statistician, 2.5%

Overlap None

P.I. Meucci, Olimpia (Jay Rappaport at Temple is overall PI)

Title: The adenosine system in viral reservoir persistance

Source: NIMH: 1R01MH101010-01

Period: 4/1/2013 - 3-31-2016

Role: Bio-Statistician, 3%

Overlap: None

PI: Rappaport, J and Douglas, Steven D.

Title: NeuroAIDS Therapeutics-Targeting Immune Polarization of Macrophages in CNS.

2.45% salary 6-1-16-5-31-17

Direct cost Drexel: $2,636.07

Indirect cost Drexel: $1,489.38

Source NIMH 1P01MH105303-01

Period 06/01/14-05/31/18

Direct Cost: $828,383 (Year 1)

Role: Bio-Statistician, 3%

Overlap: None

PI: Margaret Finley

Title: Development of a Biopsychosocial Prospective Surveillance Model of Shoulder Pain in SCI

Source DoD Spinal Cord Injury Research Program Investigator Initiated Research Award

Period 8/1/17-7/31/20

Total funding $664,270

Direct Cost: $495,554 (3 years, both sites)

Role: Bio-Statistician, 3% effort /0.36 calendar (Y2, Y3)

Overlap: None

**Grant support in consultant role**

Numerous smaller grants, and some larger ones, in which money was budgeted for a consultant, or for Ed Gracely as consultant, have been funded over the years. I have not kept a complete list of these. In 2008 the department received over $3,000 from one grant for consulting with Dr. Carla Campbell on educating parents about lead hazard reduction.

**Consulting**

I continue to do some external and student consulting, although the Biostatistics Services Center that was using my services now has a new name and is operating differently (not including me).

A small number of mostly medical students seek my advice and input on their projects, and I am happy to help (they do the analyses).

I have continued my collaboration with Dr. Mike Ezekowitz, a leader in atrial fibrillation research out of Bryn Mawr. The Chaudhry paper in Am J Cardiology (2021) derives from that work, as do several others.

**PUBLICA****TIONS**

***Full******-length papers***

Peer reviewed publications, nearly all collaborative

 1986 through 1990: 11

 1991 through 1995: 18

 1996 through 2000: 20

 2001 through 2005: 21

2006 through 2010: 28

2011 through 2015: 23

2016 through 2020: 19

2021 through current: 14

\* Weinraub, M, Clemens, LP, Sockloff, A, Etheridge, T, **Gracely, EJ**, & Myers, B. The development of sex role stereotypes in the third year: relationships to gender labeling, gender identity, sex typed toy preference and family characteristics. Child Development, 1984, 55, 1493-1503.

\* Chambless, DL, Caputo, GC, Jasin, SE, **Gracely, EJ**, & Williams, C. The Mobility Inventory for agoraphobia. Behavior Research and Therapy. 1985, 23, 35-44. *Reprinted* in S. Rachman (Ed.) , 1997, Best of Behavior Research and Therapy (pp. 83-92). New York, Pergamon.

\* Green, RS and **Gracely, EJ**. Selecting a rating scale for evaluating services to the chronically mentally ill. Community Mental Health Journal, 1987, 23, 91-102. Statistics/Research

\* Smith, GD, Clemens, J, Crede, W, Harvey, M, **Gracely, EJ**. The impact of multiple comparisons in randomized clinical trials. American Journal of Medicine, 1987, 83, 545-550. Statistics/Research

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**Presentati****ons: Invited**

**Gracely, EJ** Psychological and Other Factors Affecting Physician and Patient Perception of Treatment Benefit. Psychiatry Grand Rounds, March 23, 2017

**Gracely, EJ** How Statisticians Can Get Involved in Doing Good: Statistics Without Borders. American Statistical Association, Philadelphia Chapter Spring Meeting March 31, 2017. Repeated for the Dept. of Epidemiology and Biostatistics in the Dornsife School of Public Health on October 24, 2017

**Gracely, EJ** Quality Assurance in Statistics Without Borders - Statisticians Doing Good! Invited talk at the Joint Statistical Meetings (Virtual) in August 2021.

**Presenta****tions**

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Patel J, Jayatilleke A, Setyono D, **Gracely E**, Checa A. Sonographic assessment of hyaline cartilage thickness in the knee at different views distinct from the standard view with the knee fully flexed. Poster presentation accepted for the 2013 World Congress on Osteoarthritis, being held April 18 – 21, 2013 in Philadelphia, PA.

Chang H, Chiarello L, Palisano R, Orlin M, Bundy A, **Gracely E**, Determinants of Self-Determined Behaviors of Young Children with Cerebral Palsy. Accepted to present at the APTA Combined Sections Meeting 2014 in Las Vegas, Nevada, February 3 – 6.

Ajkay N, Collett AE, Bloomquist EV, **Gracely EJ**, Frazier TG, Barrio AV. A Comparison of Complication Rates and Local Recurrence in Early Stage Breast Cancer Patients Treated with Brachytherapy versus Whole Breast Irradiation. Poster selected for inclusion in “Poster Grand Rounds” at the Society for Surgical Oncology March 2014 (top scoring posters are being handled via grand rounds).

Begnoche DM, Chiarello LA, Palisano RJ, **Gracely E**, Westcott McCoy S, PT, PhD, Orlin M. Indicators of Readiness for Independent Walking in Young Children with Cerebral Palsy. Presented at the 68th Annual American Academy for Cerebral Palsy and Developmental Medicine Meeting on September 10-13, 2014, in San Diego, CA.

**Gracely, EJ** Surveying to Help With Quality Assurance. Presented at the Joint Statistical Meetings in Seattle, Washington, on August 13, 2015.

Elizabeth Wang-Hsu E, Palisano R, Silfies S, Horak F, **Gracely E**, Smith S. Effectiveness of impairment-specific exercises to improve balance and reduce fall risk in community-dwelling older adults: a randomized controlled trial". Presented as a poster at the APTA Combined Sections Meeting 2016 in Anaheim, CA from February 17-20.

Jayakumaran JS, Aaron E, **Gracely E**, Schriver E, Szep Z. Knowledge, Attitudes, and Acceptability of Pre-Exposure Prophylaxis among Individuals Living with HIV in an Urban HIV Clinic. National HiV Prevention Conference, Atlanta Ga. Dec 2015.

Aaron E, Szep Z, Jayakumaran JS, **Gracely E**, Schriver E. Knowledge, Attitudes, and Acceptability of Pre-Exposure Prophylaxis among Individuals Living with HIV in an Urban HIV Clinic. From Bench to Bus Stop: Building HIV Research Collaborations in Philadelphia, Jan 2016.

Begnoche DM, Chiarello L, Palisano R, **Gracely, E**, Westcott, S, Orlin M. Physical Therapy Interventions and Their Relationship to Walking Performance in Young Children with Cerebral Palsy at APTA Academy of Pediatric Physical Therapy Annual Conference (SoPAC) 2016, November 12.

Petrucci RJ, Feitell SC, **Gracely EJ**, Corvi KL, Rowe T, Entwistle JW. Long Term Neurocognitive Outcomes After Left Ventricular Assist Device Implantation. International Society for Heart and Lung Transplantation meeting in April 2017 in San Diego, CA.

Sandling M, Arif N, Taherkani S, **Gracely E;** Toossi N, Johanson N, Dike K, Szep Z. Risk Factors Associated With Osteonecrosis of the Hip in an HIV-Infected Population in the New Antiretroviral Therapy Era. Presented at the Infectious Disease Society of America's annual conference in New Orleans October 26-30, 2016.

An M, Palisano RJ, Yi C, Chiarello LA, Dunst CJ, **Gracely EJ**. Effects of a Collaborative Intervention Process on Parent-Therapist Interaction: A Randomized Controlled Trial.

World Congress of Physical Therapy July 2-4, 2017, Cape Town South Africa.

Felsher M, Roth AM, Martinez-Donate AP, **Gracely E**, Szep Z. Screening for PrEP Eligibility During Rapid HIV Testing in High Risk Neighborhoods in Philadelphia. Poster Presentation at: International AIDS Society (IAS) Conference on HIV Science; 23-26 July 2017; Paris, France.

Althoff A, Dwyer M, Chew V, **Gracely E.** Higher “No Show” Rates Are Associated with Lower Rates of Retention in HIV Care and Viral Suppression. Presented at IDWeek 2018TM, October 3-7, 2018 at the Moscone Convention Center, in San Francisco, CA.

Peter N, Green S, **Gracely E.** Rate of Depression Screening and Factors Correlated with Screening in a National Sample of Adolescent Provider Visits. Presented at the Society for Adolescent Health and Medicine Annual Meeting March 2019.

Chaudhry UA, Ezekowitz MD, **Gracely EJ**, Wolfe CM, Harper G, Harper GR. A Retrospective Analysis Of Atrial Fibrillation Patients Aged 80 Years And Older Prescribed A Low-dose Non-vitamin K Antagonist Anticoagulant. Virtual poster presentation at the American Heart Association 2020 Scientific Sessions Nov 13-17.

**Gracely, EJ** Ungrading and Related Methods. Part of the Birds of a Feather series of discussion group sessions by the Section on Statistics and Data Science Education of the ASA. Discussion leaders created their sessions, which were held virtually. August 2022.

Wiley M, Chiarello LA, Effgen SK, **Gracely EJ**. Characteristics of Physical Therapists and Students Associated with Inclusive Practices in School-Based Therapy Provision American Physical therapy Association Combined Sections Meeting 2023 (February)

**Inter****views/quotes**

Does beginner's luck really exist or is it all in our heads?. Avir Mitra (DUCOM medical Student freelancer). On WHYY's the Pulse. 7-3-15 <http://www.newsworks.org/index.php/thepulse/item/83590-does-beginners-luck-really-exist-or-is-it-all-in-our-heads->

Do Olympic Virgins Have Beginner's Luck. Yasmin Tayag (staff) August 9, 2016 on Inverse.com. The article is built around quotes from me. [https://www.inverse.com/article/19323-2016-rio-olympics-first-time-ryan-held-virginia-thrasher-beginner-s-luck](https://urldefense.proofpoint.com/v2/url?u=https-3A__www.inverse.com_article_19323-2D2016-2Drio-2Dolympics-2Dfirst-2Dtime-2Dryan-2Dheld-2Dvirginia-2Dthrasher-2Dbeginner-2Ds-2Dluck&d=CwMFaQ&c=3kkgRanvEDK8hL9DynGJVVH69jkBMvrwECTgfOmvv0E&r=zd8rgUw8h6Z-QLoklAsWyeYTvw3Xnj30m44CuLFai1U&m=5avpVg9y6CC_rbv6dApyl0FKoNTDRDmLmHBsxMdVxsY&s=o7nKsfL_b7HM-SpA-2_wIY9rFX7vpGBHf2oLM2xw9C4&e=)

**Drexel Dornsife Epidemiolo****gy/Biostatistics COVID-19 Journal Club presentations**

**Gracely E** 2020 (June 17) Presentation of Mehta HB et al., *BMJ Open* Characteristics of registered clinical trials assessing treatments for COVID-19: a cross sectional analysis.

Chen H and **Gracely E** 2020 (Sept 2) Presentation of Mutesa L et al., *Preprint* A strategy for finding people infected with SARS-CoV-2: optimizing pooled testing at low prevalence.

**Gracely E** and Le Vasseur M. (2021 March 3) Presentation of Lockyer B et al., *Preprint* Understanding Covid-19 misinformation and vaccine hesitancy in context: Findings from a qualitative study involving citizens in Bradford, UK

**Gracely E** (2021 April 21) Vaccine Efficacy Against Variant Strains of COVID-19. Presentation on a number of articles, with focus on Madhi et al., Efficacy of the ChAdOx1 nCOV-19 Vaccine against the B.1.351 Variant. *New England Journal of Medicine* March 16, 2021.

Mosser E and **Gracely E** 2021 (Oct 27) Heterologous SARS-CoV-2 Booster Vaccinations – Preliminary Report. Based on a *preprint* by RL Atmar et al. 2021

**Gracely E** 2022 (Feb 21) Presentation on Safety, tolerability and viral kinetics during SARSCoV-2 human challenge. *Preprint* by B Killingley et al. 2022.

**Other internal faculty presentations**

**Gracely E** 2019 (Oct 14). Presentation to the DUCOM Education Journal Club on several papers about "ungrading", the idea that feedback is more important than grades.

**STUD****ENT PROJECTS -- recent**

**MPH (CHAIR)**

Opalak, C (2011) A Study of Crashes and Injuries along a Multiple Use Trail

Zhang, F (2011) Retinoblastoma: Parental Heat Exposure as a Risk Factor

Nguyen, CT (2012) Serum folate but not vitamin B-12 concentrations are positively associated with cognitive test scores in children ages 6-16 years old in the U.S

Obikoya-Malomo, AB (2012) Prevalence of Hepatitis B Infection among African Immigrants in the Greater Philadelphia Area

Crooke, H (2013) Defining the Burden of Burns in the United States Via Database Evaluation, Comparison and Analysis

Nwachukwu, C (2013) An Assessment of Outcomes in HIV Positive Pregnant Women with Mental Illness

Liu, C (2014) Major Depressive Disorder Among Female Emergency Department Patients in Bolivia

Shah, NK (2014) Association between dental caries and passive smoking in children from 5 to 11 years old

Nayyar, S (2015) Post ACA implementation: Examining the viability of Title X clinics in Southeastern Pennsylvania

Yadav, K (2015) Do Fetal Mortality and Infant Mortality Have an Inverse Relationship?

Igwebuike (2016) The Prescription or Proscription of Exercise in Breast Cancer Care

Grunwald, H (2017) Environmental Risk Factors for Methicillin Resistant Staphylococcus aureus Re-Colonization

Smith, C (2017) Risk of opioid dependence and associated health outcomes for individuals with a severe mental health illness, Philadelphia, 2007 – 2015

Koshy, G ( 2018) Association between Ischemic Colitis and Lactate values post cardiac arrest

Mistry, S (2018) Examining the Relationship of Organizational Outcomes with Safety Climate and Injury in Fire Service

Renteria, T (2019) Factors associated with Hepatitis C treatment linkage among injection drug users in a centralized drug substitution program and a Hepatitis C screening program

Yalvigi, A (2019) Are “No Show” Visits Associated with Patients Falling Out of HIV Care? Mid-Point Analysis

Zarzuela, G (2019) Household Income and Its Relation to Child Restraint Systems Use on Airplanes

Castro, C (2020) Determining Trends of Fire-based Emergency Medical Services in Philadelphia

Singh, Risho (2020) Descriptive experience of biomarker testing between African-American and Caucasian men within Pennsylvania Urologic Research Collaborative

Vijjapu, A V (2021) Impact Of C’est La Vie on Knowledge, Attitude and Practice of Emergency Contraception and Female Genital Cutting

Woona, N (2021) A Multivariate Analysis on the association of E-Cigarette use and BMI on the Occurrence of Depressive Feelings: Evidence from the 2015-2018 NHANES Dataset

Edwards, D (2022) Assessing the Relationship Between Gender and Cannabis-Using Practices Among Young Adult Cannabis Users

Ngobeh, A (2022) The Association Between Poverty and Contracting STIs/STDs

Sacko, D (2022) Impact of Schistosomiasis on Nutritional Status and Anemia in Children under 5 in Mali

Regis, N (2023) Piped vs Non-Piped Water Source as a Predictor of Malaria Incidence in Peru from 2012 to 2015: Analysis of a Longitudinal Cohort Study

Sriram, V (2023) Association Between Hba1c Levels and Rehospitalization Among Patients with Peripheral Arterial Disease

Bolisetti, R (2024) Examining the Association between Diabetes and Depression among Low-income U.S. Adults

Goetz, R (2024) Assessment of Water Quality on Diarrheal Disease Burden in Low and Middle-Income Countries

Gadiwala (2024) Adolescent Obesity and its Association With Hypertension - NHANES Study (2011-2018)

Rhodes, A (2024) Assessment of healthcare-associated infection (HAI) performance differences among urban and rural acute care hospitals

**DOCTORAL (COMMITTEE MEMBER)**

Breaux, J (2011) Maternal employment, receipt of childcare subsidies and health: The de-stigmatization of single mothers and their children, from marginalization to self-sufficiency [CHP Department, SPH]

Chang, I (2012) Self-Determination of Young Children with Cerebral Palsy [Department of Physical Therapy and Rehabilitation Sciences]

Oladeji, B (2012) Running Initiation in Children with Cerebral Palsy [Department of Physical Therapy and Rehabilitation Sciences]

Robertson-James, C (2012) Intersecting Inequalities: Exploring the Relationship between Subjective Social Status, Intersections of Racism and Sexism, and the Health Status of Black Women in Philadelphia [CHP Department, SPH]

Funkhouser Cucuzzella, H (2013) The Effect Of A Professional Education Outreach Visit On Immediately Reportable Communicable Disease Reporting Knowledge, Attitudes And Practices Among Physicians, Physician Assistants, And Nurses In Burlington County, New Jersey [CHP Department, SPH]

Lewis-Walls, T (2013) Exploring the Relationship among Psychosocial Factors and Diabetes Testing Compliance in an Insured Population [CHP Department, SPH]

Njoku, AU (2013) Psychosocial Predictors of Change in Colorectal Cancer Screening Decision Stage [CHP Department, SPH]

Begnoche, D (2014) Indicators of Readiness for Independent Walking in Young Children with Cerebral Palsy [Department of Physical Therapy and Rehabilitation Sciences]

Borrusso, PA (2014) Evaluation of the Domestic Environment as a Reservoir for Foodborne Pathogens: Identification of Consumer Practices Associated with Microbial Contamination in the Home [Biology Department]

Cass, J (2015) What is the “Western Pattern?” Refining Factor-Derived Dietary Patterns from the NHANES Food Frequency Questionnaire Using 24 Hour Dietary Recall Data [CHP Department, SPH]

Wang-Hsu, E (2015) Effectiveness of Impairment-Specific Exercises to Improve Balance and Reduce Fall Risk in Community-Dwelling Older Adults [Department of Physical Therapy and Rehabilitation Sciences]

Laibsirinon, S (2017) Impact force and knee flexion angle at early contact phase of running in children with diplegic cerebral palsy [Department of Physical Therapy and Rehabilitation Sciences]

Wynarczuk (Ward), K (2018) Individualized student goals in school-based physical therapy practice: Goal development, use, and relationship to service delivery and outcomes [Department of Physical Therapy and Rehabilitation Sciences]

Birati, Y (2020) The Relationship of Food Insecurity, Neighborhood Characteristics, and Gestational Diabetes Self-Management [Nursing].

Sandfort, D (2020) Medical Student Stress and Wellness Programs: An Explanatory, Sequential, Mixed Methods Study [College of Education]

**EXTERNAL COMMITTEES (member)**

Coppock, D (2020) Hepatitis C antibody screening and determinants of initial and duplicate screening in the birth cohort patients of six urban primary care clinics. [Master of Science in Clinical Epidemiology, Department of Medicine, Division of Infectious Diseases, University of Pennsylvania.]

NONPROFESSIONAL PUBLICATIONS (selected)

Gracely, E. Special interests want to gut NJ school funding (Letter). Philadelphia Inquirer Dec. 17, 1990.

Gracely, E. Enriching the wealthy (Letter). Philadelphia Inquirer July 24, 1992.

Gracely, E. Tunemem. TRSTimes, 1993, 6(1), 12-13.

Gracely, E. Low Res Chaos TRSTimes, 1993, 6(4), 8-9. (These two articles are entertainment computer programs for the TRS-80 line of computers.)

Gracely, E. Clearer thinking liberals (Letter). Philadelphia Inquirer May 20, 1993.

Gracely, E. Ending up worse (Letter). Courier Post Nov. 2, 1994. (A runner-up for the newspaper's monthly Silver Pen Award.)

Gracely, E. Camden County wants form of gov't changed. NJVOTER, July/Aug, 1995.

Gracely, E. Cleaner Campaigns Urged (Letter). Philadelphia Inquirer Dec. 4, 1995.

Gracely, E. Run Clean Campaigns (Letter). Courier Post, Sept. 7, 1997

Gracely, E. Power of the polls (Letter). Courier Post, May 4, 1998.

Gracely, E Charter change update: How some of us ran for office! NJVOTER, Summer 1998

Gracely, E How to keep workers (Letter). Philadelphia Inquirer, September 7, 1999.

Gracely, E. Need for housing (Letter). Courier Post, June 30, 2000.

Gracely, E. Fight Hunger and Poverty (Letter). Philadelphia Inquirer, December 19, 2000.

Gracely, E. Thoughts on ‘Mount Laurel’ (Letter). Philadelphia Inquirer, October 4, 2001.

Gracely, E. Fight hunger (Letter). Courier Post, September 17, 2002.

Gracely, E. U.N. Works (Letter) Courier Post, March 31, 2003.

Gracely, E. Poor Countries (Letter) Courier Post July 29, 2003.

Gracely, E. Voucher pitfalls (Letter) Courier Post, September 7, 2004.

Gracely, E. Raise wages (Letter) Courier Post, December 29, 2004.

Gracely, E. Blame property taxes (Letter) Courier Post August 13, 2005.

Gracely, E. Community Voices Op/Ed on issues in governor’s race. Philadelphia Inquirer October 9, 2005.

Gracely, E. Fund Amtrak (letter) Courier Post, March 13, 2006.

Gracely, E. More convenient (letter urging better recycling for electronic waste and smoke detectors) Courier Post, November 14, 2011.

Gracely, E. Modifications (letter arguing against strict enforcement of drive right laws). Courier Post, March 14, 2012.

Gracely, E. Collaboration is good for business (letter encouraging towns to collaborate rather than compete). Courier Post, March 14, 2014

Gracely, E. PATCO should plan well for Papal visit (approximate title). Courier Post, August 2, 2015.

Gracely, E: Commentary: What you need to know about voting (Op/ed on voting issues and possible reforms for the NJ primary). Courier Post, online ahead of print (one day), May 31, 2016. <http://www.courierpostonline.com/story/opinion/columnists/2016/05/31/commentary-what-you-need-to-know-about-voting/85190354/>

Gracely, E: Commentary: Conventions had complex rules, predictable outcome. Courier Post, online ahead of print (two days) August 9, 2016. Op/ed. <http://www.courierpostonline.com/story/opinion/columnists/2016/08/09/commentary-conventions-had-complex-rules-predictable-outcome/88483688/>

Gracely, E: Commentary: Redistricting Process Should be Improved. Courier Post Sept 10, 2016. Op/Ed: [http://www.courierpostonline.com/story/opinion/columnists/2016/09/10/commentary-redistricting-process-should-improved/89972238/](http://www.courierpostonline.com/story/opinion/columnists/2016/09/10/commentary-redistricting-process-should-improved/89972238/%20)

Gracely, E. Commentary: Do your homework before voting. Courier Post 10-20-2016, online Oct 18. Op/Ed: <http://www.courierpostonline.com/story/opinion/columnists/2016/10/17/commentary-do-your-homework-before-voting/92079896/>

 Gracely, E. Commentary: We should do more to ensure accurate election results. Courier Post 1-2-17 online a day or two earlier. Op/Ed: <http://www.courierpostonline.com/story/opinion/readers/2016/12/27/commentary-we-should-do-more-ensure-accurate-election-results/95881392/>

Gracely, E. Commentary: Voting access should be easier in New Jersey. Courier Post 2-23-17 online at:

 <http://www.courierpostonline.com/story/opinion/readers/2017/02/22/commentary-voting-access-should-easier-new-jersey/98245682/>