

CURRICULUM VITAE

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Research identifiers

- eRA Commons name: Gracely1
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- 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.

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Updated August 2020

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
- Information Security 9-13-2019

Personnel, safety, harassment

- Without Regard Certificate: 11-8-11 (on non-discrimination).
- 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 9-13-2019
- Protection of Minors and Reporting Child Abuse: 9-17-2019
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Animal care/committee

- LATA Basic Animal Care: 3-14-2011
- CITI Essentials for IACUC members: 11-19-15
- CITI IACUC investigators, staff, students: 8-17-17, 6-21-2020
- CITI Wildlife: 7-5-18
- Animal Care Occupational Safety: 11-18-2019 (required for IACUC inspections).
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Research/IRB Certifications

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- 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: 6-6-2013, 5-29-16, 6-27-19
- Responsible Conduct of Research: CITI 7-8-10
- HIPAA Privacy and Security: 8-27-2018 Not CITI.
- CITI COI Medical COI: 1-31-2019 (expires 1-30-2023)
- Privacy/Security (HIPS): CITI 4-29-19 (Expires 4-28-2022)

Other

- Service Excellence Certificate: 3-30-2011
- Conflict of Interest (and code of conduct): 9-9-19

Military service: None

Honors and Awards: Internal

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|--------|---|
| 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 Award a 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). |

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.

Membership and offices in professional societies

- 1991- Member, **American Statistical Association**.
- 1994-1998 "Friend" of the ASA **Committee on Human Rights and Scientific Freedom**. Again 2004- . Webmaster 2013- (<http://community.amstat.org/CSFHR/Home/>) .
- 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>). Webmaster 2016-.
- 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.

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.
- 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).

- 2009 - **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, now being reappointed 2017.
- 2005 - **COM:** Member, Bylaws Committee, Drexel University College of Medicine. **Chair** from August, 2006 through June 2010.
- 2014 - 2018 **COM:** Member, Faculty Appointments and Promotions.
- 2017 - **SPH:** Member, Bylaws Committee
- 2017 - **SPH:** Member, Epidemiology/Biostatistics Department Curriculum Committee
- 2018 - **SPH:** Member, Student Admissions Committee. I had previously served on this committee for most years from 1999 through 2013.

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.

- 2008-2009 SPH: **Chair:** Education Strategic Planning Task Force.
- 2011- 2013 **COM:** Co-Chair, Faculty sub-committee of the LCME preparedness task force.
- 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.
- 2016-2019 **University:** Student Conduct Board member.

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.

Community 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

- 2019-2021 **President** 2015-
 1997-2009 **Budget Director**, League of Women Voters of new jersey (Off board).
 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-Pres. **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 was doing similar work since 1997, but the job description changed in 2003. As of 2017 I am co-teaching a two-quarter intro Biostatistics/Epidemiology class for the Epidemiology majors, instead of a stand alone statistics course for the whole incoming MPH class.
- 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-Pres. **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.
- 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.

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
- Annually Pennsylvania Public Health Training sessions -- 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 support: current

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 (exact TBD)
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: 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 persistence
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.
Source: NIMH 1P01MH105303-01
Period: 06/01/14-05/31/18
Direct Cost: \$828,383 (Year 1)
Role: Bio-Statistician, 3%
Overlap: None

2.45% salary 6-1-16-5-31-17
Direct cost Drexel: \$2,636.07
Indirect cost Drexel: \$1,489.38

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.

PUBLICATIONS

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 current: 20

* 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.
- * **Gracely, EJ**. Playing games with infinity: The devil's offer. Analysis, 1988, 48, 113. *Reprinted* in Fogelin, RJ & Sinnott-Armstrong, Walter Understanding Arguments, Harcourt, Brace, Jovanovich, Orlando, FL, 1991, pp 278-279. *Reprinted* in Palmer, M The question of God, Routledge, London, 2001. **Philosophy/Reason**
- * **Gracely, EJ**. Comment on Shrader-Frechette's 'Parfit and mistakes in moral mathematics'. Ethics, 1989, 100, 157-159. **Philosophy/Reason**
- * Kaye, J, Bray, S, **Gracely, EJ**, and Levison, S. Psychosocial adjustments to illness and family environment in dialysis patients. Family Systems Medicine, 1989, 7, 77-89.
- * Chambless, DL and **Gracely, EJ**. Fear of fear and the anxiety disorders. Cognitive Therapy and Research, 1989, 13, 9-20.
- * Tronetti, PS, **Gracely, EJ**, and Boscia, JA. Lack of association between medication use and the presence or absence of bacteriuria in elderly women. Journal of the American Geriatrics Society, 1990, 38, 1199-1202.
- * Margolis, ML, Desai, B, **Gracely E**, and Schepart, BS. Frequency and clinical implications of Monoclonal Antibody detection of tumor-associated antigens in serum of patients with lung cancer. American Review of Respiratory Disease, 1990, 142, 1059-1062.
- * Peitzman, SJ, Nieman, LZ, and **Gracely, EJ**. Comparison of "Fact Recall" with "Higher Order" questions in multiple choice examinations as predictors of clinical performance in medical students. Academic Medicine, 1990 (September supplement), 65, S59-S60. **Medical Education**.
- * Hernandez, E, Lavine, M, Dunton, CJ, **Gracely, E**, and Parker, J. Poor prognosis associated with thrombocytosis in patients with cervical cancer, Cancer, 1992, 69(12), 2975-2977.
- * Renneberg, B, Chambless, DL, Dowdall, D, Fauerbach, J, and **Gracely, EJ**. The Structured Clinical Interview for DSM-III-R, Axis II and the Millon Clinical Multiaxial Inventory: A concurrent validity study of personality disorders among anxious out-patients. Journal of Personality Disorders, 1992, 6(2), 117-124.
- * Chambless, DL, Renneberg, B, **Gracely, EJ**, and Goldstein, AJ. MCMI-diagnosed personality disorders among agoraphobic outpatients: Prevalence and relationship to severity and treatment outcome. Journal of Anxiety Disorders, 1992, 6, 193-211.
- * Renneberg, B, Chambless, DL, and **Gracely, EJ**. Prevalence of SCID-diagnosed personality disorders in agoraphobic outpatients. Journal of Anxiety Disorders, 1992, 6(2), 111-118.
- * Greenspan, LW and **Gracely, EJ**. A discriminant analysis applied to methacholine bronchoprovocation testing improves classification of patients as normal, asthma, or COPD. Chest, 1992, 102(5), 1419-1425

- * Bresnitz, EA, Roseman, J, Becker, D, **Gracely, EJ**. Morbidity among municipal waste incinerator workers. American Journal of Industrial Medicine, 1992, 22, 363-378.
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- * Powell AM, **Gracely E**, and Nyirjesy P Non-*albicans* *Candida* Vulvovaginitis: Treatment Experience at a Tertiary Care Vaginitis Center. Journal of Lower Genital Tract Disease, June 16, 2015 (e pub ahead of print).
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- * Wang Q, **Gracely EJ**, Liu L Evidence linking air pollution and blood pressure mediated by body weight in China Epub ahead of print, April 2020 Air Quality, Atmosphere & Health. <https://link.springer.com/article/10.1007/s11869-020-00821-x> **Public health.**
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Book Chapters

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Gracely, EJ, Statistics and Clinical Trials In: Brady L., Yaeger T. (Ed.) Encyclopedia of Radiation Oncology, New York, Springer, 2012 (October).

White Papers

Duffy, J, Turrill, N, **Gracely, E**, Halvorson, M, Hankins, B, Miller, K, Pierson, L and Simons, B "Report on Election Auditing" by the Election Audits Task Force of the League of Women Voters of the United States, released in January 2009.

Professional Letters to the Editor

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Franklin, E, Fleetwood, J, **Gracely, EJ**. Taking cultural diversity seriously. Academic Medicine, 1996 (January), 71(1), 2-3.

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Presentations: 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

Presentations

- Brodkey, A, Rabin, B, Rothbart, M, **Gracely, E**, and Friedman, M. Changing medical student's thinking about spanking. Presented at the Annual Meeting of the Association of Directors of Medical Student Education in Psychiatry, June 1995. Proceedings are published as the Proceeding Summary of ...
- Brodkey, A, Rabin B, Hyman, I, **Gracely, E**, Rothbart, M. Teaching medical students about discipline of children. Society of Teachers of Family Medicine, Violence Education Conference, Nov. 1995. Published in the Syllabus of the Meeting.
- Gracely, EJ**. How strict should the correction for multiple comparisons be? presented at the American Statistical Association Meeting, August, 1996, and published in the Proceedings of that meeting as an article. 1996 proceedings of the Biometrics Section, pp 363 - 366.
- Gracely, EJ** Concept maps in statistical education, presented at the American Statistical Association Meeting, August, 1999 in Baltimore, and published in the 1999 ASA Proceedings of the Section on Teaching Statistics in the Health Sciences, pp 179-183.
- Goldstein, AJ, Chambless, DL, **Gracely, E**, & Bright, P. Combining behavior therapy with other psychotherapies in the treatment of agoraphobia. Presented at the meeting of the European Association for Behavior Therapy, Brussels, September, 1984.
- Green, RS, **Gracely, EJ**, & Ievoli, RJ. Economies of scaling: identifying a few of the most salient dimensions for rating client outcomes. Paper presented at the joint meeting of the Evaluation Research Society and Evaluation Network, Toronto, Canada in October, 1985.
- Gracely, EJ**, Green, RS, & Ievoli, RJ. Selection of analogue materials for evaluating rating scales. Paper presented at the joint meeting of the Evaluation Research Society and Evaluation Network, Toronto, Canada in October, 1985.
- Chambless, DL and **Gracely, EJ**. Fear of fear and the anxiety disorders. Presented at the meeting of the Phobia Society of America, Boston, October, 1988.
- Nieman, L, Schwartz, R, and **Gracely E**. Associating personality and specialty decision-making: What are the implications for surgery? Presented at the Annual Meeting of the Association for Surgical Education, Portland, OR, April 1991.
- Chambless, DL, Renneberg, B, Goldstein, AJ, **Gracely, EJ**. (1991, April). Personality disorders and agoraphobia. Paper presented at the meeting of the Anxiety Disorders Association of America, Chicago.
- Herzstein, J, **Gracely, EJ**, Rankin, JA. Airway inflammation and Interleukin-1 like activity induced by toluene diisocyanate in a guinea pig model. Abstract in American Review of Respiratory Diseases, 1993, 147(4), A733.
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- Drabick, JA, **Gracely, EJ**, Heidecker, GJ, Lipuma, JJ. Survival of Burkholderia (Pseudomonas) cepacia on environmental surfaces. Presented at the 94th General Meeting of the American Society for Microbiology, Washington DC, May 1995. Published as abstract.
- Paranzino, GP, Hojo, EC, Frithsen, IL, Giddings, G, **Gracely, E**. Family medicine preceptor responses to a statewide environmental health survey, presented Oct. 1998 at the 17th Annual Meeting of the Society of Teachers of Family Medicine: Northeastern Region.

- Paranzino, GP, Hojo, EC, Frithsen, IL, Giddings, G, **Gracely, E.** Physician responses to an environmental health survey: public health implications, presented Nov. 1998 to the Pennsylvania Public Health Association Conference.
- Fleetwood, J, Novack, D, Vaught, W, Feldman, D, **Gracely, E,** and Kassutto, Z, MedEthEx online: Web-based learning in medical ethics and communication skills, Poster presentation at the AAMC (RIME) meeting, October 1999.
- Paranzino, GP, Lam, H, Giddings, G, **Gracely, E.** Patient perceptions of occupational and environmental issues in primary care. Presented at the American Public Health Association meeting, November 2000.
- Hart, FA, Paranzino, GP, **Gracely, EJ,** Tsou, W. Second year medical student knowledge and attitudes about the health care system. Presented at the American Public Health Association meeting, November 2000.
- Arkoosh VA, Palmer C, Yun E, Sharma S, Bates J, Wissler R, **Gracely E,** Brae-Bedell J. Continuous Spinal Labor Analgesia: Safety and Efficacy. Presented at the American Society of Anesthesiologists Annual Meeting, October 10-15, 2003, San Francisco CA.
- Reavis, SL, Booth, R, Sikes, K, Koenig, H, **Gracely E,** Kim, I. A Comparison of Needle-Free Jet-Injection of 1% Buffered Lidocaine Versus ELAMax for Analgesia Prior to Peripheral Intravenous Catheterization in Children. Platform Presentation at the American Academy of Pediatrics Meeting, Section of Emergency Medicine, Atlanta, GA. October 6th, 2006. Willis Wingert award for best research in Pediatric Emergency Medicine.
- Novack, D, Daetwyler, C, Cohen, D, **Gracely E** Enhancing E-Learning of Physician Patient Communication A Pilot Test of Doc.Com and Web Encounter in Teaching Bad News Delivery. Presented at the International Conference on Communication and Healthcare, Oct 4-7, 2009 in Miami Beach.
- Varjevand N, Bachegowda L, **Gracely E,** Novack, DH A Survey of Interns' Attitudes towards Medical Errors and Disclosure Practices: 1999-2001 versus 2008-2009. Presented at RIME 2010. Weight-Based Loading of Vancomycin in Patients on Hemodialysis
- Lucas Baker J, Bowleg L, **Gracely E,** Faerber J, Teti M, and Gold M Satisfaction with healthcare providers among African American Women living with HIV: Results from a secondary data analysis of the Protect Respect Intervention for HIV positive women. Presented at the American Public Health Association Annual Meeting, Nov 8, 2010.
- French HM, Durrwachter-Erno K, **Levine LJ, Gracely EJ,** Fugarolas KN. Using Technology to Study the Art of Medicine. Poster presented at the American Academy of Pediatrics National Conference & Exhibition, New Orleans, LA, on October 21, 2012
- Brown M, Polisetty R, **Gracely E,** Cuhaci B, Schlecht HP. Weight-Based Loading of Vancomycin in Patients on Hemodialysis. Presented at the 2010 Interscience Conference on Antimicrobial Agents and Chemotherapy on September 14.
- 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 2018™, 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.

Interviews/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](https://www.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>

STUDENT 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

DOCTORAL (COMMITTEE MEMBER)

- Breaux, J (2011) Maternal employment, receipt of childcare subsidies and health: The destigmatization 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].

EXTERNAL COMMITTEES (member)

- Coppock, D (Being completed 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.

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