

CURRICULUM VITAE

Aniko Szabo PhD

Professor

**Department of Institute for Health and Equity
Division of Biostatistics**

OFFICE ADDRESS:

Medical Education Building
8701 Watertown Plank Rd
Milwaukee, WI 53226

EDUCATION:

09/1989 - 06/1994 M.S. Mathematics, Eötvös University, Budapest, Hungary
08/1994 - 05/1997 M.S. Statistics, University of Memphis, Memphis, TN
08/1997 - 05/1998 Ph.D. Applied Statistics, University of Memphis, Memphis, TN

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/1999 - 01/2000 Postdoctoral Fellow, Huntsman Cancer Institute, University of Utah, Salt Lake City, UT

FACULTY APPOINTMENTS:

01/2000 - 06/2003 Research Instructor, Department of Oncological Sciences, University of Utah, Salt Lake City, UT
07/2003 - 05/2007 Research Assistant Professor, Department of Oncological Sciences, University of Utah, Salt Lake City, UT
06/2007 - 06/2019 Associate Professor, Institute for Health & Equity, Division of Biostatistics, Medical College of Wisconsin, Milwaukee, WI
07/2019 - Present Professor, Institute for Health & Equity, Division of Biostatistics, Medical College of Wisconsin, Milwaukee, WI

ADMINISTRATIVE APPOINTMENTS:

10/2004 - 05/2007 Director of Biostatistics Shared Resource, Huntsman Cancer Institute, University of Utah, Salt Lake City, UT
06/2007 - Present Director of Biostatistical Consulting Service, Institute for Health & Equity, Division of Biostatistics, Medical College of Wisconsin, Milwaukee, WI

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

07/2011 - 05/2013 Recruitment Director of Biostatistics PhD Program, Institute for Health & Equity, Division of Biostatistics, Medical College of Wisconsin, Milwaukee, WI
07/2015 - 06/2021 Recruitment Director of Biostatistics PhD Program, Institute for Health & Equity, Division of Biostatistics, Medical College of Wisconsin, Milwaukee, WI

AWARDS AND HONORS:

09/2015 Outstanding Faculty Service Award, Faculty Information Technology Committee, Medical College of Wisconsin
09/2015 Outstanding Faculty Service Award, Research Affairs Committee, Medical College of Wisconsin
11/2017 Outstanding Graduate School Education Award, Medical College of Wisconsin

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

08/1997 - Present International Biometrics Society (East North American Region)

EDITORSHIPS/EDITORIAL BOARDS/JOURNAL REVIEWS:

Editorship

03/2002 Guest Editor; Mathematical Biosciences, special issue "Quantitative Analysis of Gene Expression Data"

Editorial Board

10/2007 - Present Editorial Board Member; Biology Direct, Mathematical Biology Section

09/2013 - Present Associate Editor; Dysphagia

Journal Review

02/2000 - Present Journal of Theoretical Biology

05/2001 - Present Mathematical Biosciences

06/2002 - Present Genome Biology

08/2002 - Present Bioinformatics

02/2003 - Present BMC Bioinformatics/ BMC Genomics

05/2003 - Present Journal of Biopharmaceutical Statistics

02/2007 - Present Statistics in Medicine

01/2011 - Present Journal of the American Statistical Association

08/2013 - Present Radiation Research

09/2013 - Present Journal of Health Care for the Poor and Underserved

12/2013 - Present Molecular Biology and Evolution

01/2014 - Present Dysphagia

04/2014 - Present PLOSone

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

02/2008 Ad-hoc Member, BMRD Study Section, NIH

06/2010 Member, Special panel: Engineered Nanomaterials RFA, NIH/NIEHS

02/2011 Ad-hoc Member, CICS Study Section, NIH

10/2012 Ad-hoc Member, CICS Study Section, NIH

06/2013 Ad-hoc Member, CICS Study Section, NIH

02/2014 Ad-hoc Member, CICS Study Section, NIH

10/2014 Ad-hoc Member, CICS Study Section, NIH

06/2015 Ad-hoc Member, CICS Study Section, NIH

02/2016 Ad-hoc Member, CICS Study Section, NIH

06/2016 Ad-hoc Member, CICS Study Section, NIH

10/2016 Ad-hoc Member, CICS Study Section, NIH

07/2022 Member, Special panel: "The Role of Dentistry in the Prevention of Opioid Drug Misuse and Abuse", NIDCR, NIH

10/2022 Member, Special Emphasis Panel ZDE1 YM (06), NIDCR, NIH

06/2023 Member, Special Emphasis Panel ZDE1 YM (03), NIDCR, NIH

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:	Mechanism of Radiation-Induced Vascular Injury in Normal Tissues: Role of the Notch-D114 Pathway
Source:	NIH/NIAID
Role:	Co-investigator
PI:	Heather Himburg
Dates:	04/01/2018 - 03/31/2023

Title:	Effects of Head Impact Exposure During Contact Sport on Middle School and High School Athletes
Source:	NIH/NCHHD
Role:	Co-investigator
PI:	Yang Wang

Dates:	04/01/2019 - 03/31/2024
Title:	Deconstructing sleep disruption as a major risk factor for relapse in opioid use
Source:	NIH NHLBI
Role:	Co-investigator
PI:	Carol Everson
Dates:	10/01/2019 - 09/31/2022
Title:	The Inflammatory Index as a Biomarker for Pain in Sickle Cell Disease
Source:	NIH NINDS
Role:	Co-investigator
PI:	Amanda Barlow
Dates:	11/01/2019 - 10/31/2024
Title:	Clinical and Translational Science Award
Source:	NIH NCATS
Role:	Co-investigator
PI:	Reza Shaker
Dates:	04/01/2020 - 05/31/2025
Title:	Gastroschisis Outcomes of Delivery (GOOD) Study
Source:	NIH NICHD
Role:	mPI
PI:	Amy Wagner / Aniko Szabo
Dates:	04/01/2021 - 03/31/2026
Title:	Blockade of IL-23 for the Prevention of Graft Versus Host Disease
Source:	NIH NHLBI
Role:	Co-investigator
PI:	William Drobyski
Dates:	04/01/2021 - 03/31/2025
Title:	No-Show Prevention Practices in Dental Care Settings Serving Underserved Populations
Source:	NIH NIDCR
Role:	Subcontract PI
PI:	Christopher Okunseri / Todd Molfenter
Dates:	04/01/2022 - 03/31/2027

Prior
Peer Review

Title:	Cancer Center Support Grant-Huntsman Cancer Institute
Source:	NIH
Role:	Core Director
Dates:	05/09/1997 - 03/30/2008
Title:	Molecular, Clinical Approaches to Colon Cancer Precursors

Source:	NIH
Role:	Statistician
Dates:	08/10/1998 - 08/31/2008
Title:	Chemoprevention of Duodenal Polyps in FAP
Source:	NIH
Role:	Statistician
Dates:	06/01/1999 - 03/03/2004
Title:	Translational Studies in Dystrophinopathies
Source:	NIH
Role:	Statistician
Dates:	06/15/2002 - 06/14/2005
Title:	Molecular Diagnostics for Breast Cancer
Source:	NIH
Role:	Statistician
Dates:	07/01/2002 - 06/30/2005
Title:	Retinoid Biosynthesis in Colon Tumorigenesis
Source:	American Cancer Society
Role:	Statistician
Dates:	07/01/2002 - 06/30/2006
Title:	Survival Effects of Prostate Cancer Surveillance
Source:	NIH
Role:	Co-investigator
Dates:	08/15/2002 - 07/31/2006
Title:	Methods to Control Transdermal Iontophoresis Variability
Source:	NIH
Role:	Statistician
Dates:	01/01/2003 - 12/31/2007
Title:	Biological Breast Cancer Classification by RT-PCR
Source:	NIH
Role:	Statistician
Dates:	07/01/2005 - 06/30/2010
Title:	Understanding Racial Differences in the National History of Prostate Cancer
Source:	NIH
Role:	Principle Investigator
Dates:	01/01/2006 - 12/31/2008
Title:	The Impact of a Policy Change in Wisconsin Authorizing Non-Dental Providers to Bill Medicaid for the Application of Fluoride Varnish to Children's Teeth
Source:	HRSA

Role:	Subcontract PI
Dates:	02/01/2008 - 01/31/2009
Title:	Anesthetic-Induced Cardiac Preconditioning, Core A
Source:	NIH
Role:	Co-investigator
Dates:	08/01/2008 - 07/31/2013
Title:	Relationship of Postpartum Sleep Deprivation to Later Mental Health in Lower-Income Urban Women
Source:	RWJF
Role:	Subcontract PI
Dates:	11/01/2008 - 08/31/2010
Title:	Medications Prescribed in Emergency Departments for Non-traumatic Dental Conditions
Source:	NIH/NIDCR
Role:	Subcontract
Dates:	07/01/2010 - 06/30/2012
Title:	Clinical and Translational Research Institute
Source:	NIH
Role:	Co-investigator
Dates:	07/01/2010 - 06/30/2015
Title:	Thrombolysis in Pediatric Stroke (TIPS) Study
Source:	NIH
Role:	Co-investigator
Dates:	01/01/2011 - 12/31/2013
Title:	Clinical and translational Research Award, Supplement
Source:	NIH
Role:	Co-investigator
Dates:	04/01/2011 - 03/31/2012
Title:	Adolescence to Young Adulthood Dental Service Utilization and Neighborhood Characteristics: A Multilevel Approach
Source:	NIH/NIDCR
Role:	Subcontract PI
Dates:	09/01/2011 - 05/30/2013
Title:	Enhancement of the Therapeutic Ratio by Enalapril for Radiotherapy of Lung Cancer
Source:	NIH/NCI
Role:	Co-investigator
Dates:	11/05/2012 - 11/04/2017
Title:	Development of Lisinopril for Post- Exposure Mitigation of Late Radiation

Source:	Injuries NIH/NIAID
Role:	Co-investigator
Dates:	07/01/2013 - 06/30/2018
Title:	Dental Sealant Placements on Children's Teeth: Assessing Medicaid Policy Change
Source:	NIH/NIDCR
Role:	Subcontract PI
Dates:	09/15/2014 - 08/31/2016
Title:	Mechanisms for Prevention of Aspiration
Source:	NIH/NIDDK
Role:	Co-investigator
Dates:	12/01/2014 - 08/30/2019
Title:	Acute Neurocognitive-affective Predictors of Chronic Post-trauma Outcomes
Source:	NIH/NIMH
Role:	Co-investigator
Dates:	08/01/2015 - 07/31/2020
Title:	Clinical and Translational Research Institute
Source:	NIH NCATS
Role:	Co-investigator, BERD module lead
Dates:	08/18/2015 - 03/31/2017
Title:	Concussive Injury: Role of Sleep Restriction, Sleep Aids, Sedation and Caffeine
Source:	DoD
Role:	Co-investigator
Dates:	06/15/2016 - 06/14/2020
Title:	Dental Service Utilization for Foreign and Native-Born Children in America
Source:	NIH/NIDCR
Role:	Subcontract PI
Dates:	07/01/2017 - 06/30/2019
Title:	Test of an Organization Change Model in Dental Care Settings
Source:	NIH/NIDCR
Role:	Subcontract PI
Dates:	10/01/2017 - 08/31/2019
Title:	Gigiigooinaan (Our Fish): A New Advisory to Promote Anishinaabe Health and Wellness
Source:	NIH/NIEHS
Role:	Co-investigator
PI:	Dellinger, Matthew
Dates:	07/01/2018 - 03/31/2021

Title: Premie Prep for Parents (P3) Mobile app: Home Antenatal Prematurity Education

Source: NIH/NCHHD

Role: Co-investigator

Dates: 01/01/2019 - 12/31/2020

Non-Peer Review

Title: eDNA Microarray Analysis of Mesenchymal Tumors: Investigation of Genomic Expression to Develop a Taxonomic Classification

Source: Orthopedic Research & Education Foundation

Role: Statistician

Dates: 07/01/2003 - 06/30/2005

Title: Mitigation of Radiation Pneumonitis and Fibrosis

Source: Zablocki Veterans Affairs Medical Center

Role: Co-investigator

Dates: 08/01/2013 - 07/31/2018

Title: Tocilizumab for the Prevention of Acute Graft versus Host Disease

Source: MCW Cancer Center

Role: Co-investigator

Dates: 11/05/2016 - 08/14/2017

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Szabo, A., Variable Selection and Pattern Recognition with Microarray Data, Joint Meeting, Agilent Technologies and HCI, Salt Lake City, UT, 10/23/2001

Szabo, A., Modeling Prostate Cancer Incidence, Division of Biostatistics Seminar Series, Medical College of Wisconsin, Milwaukee, WI, 11/27/2007

Szabo, A., Statistical Issues in Genetic Studies of Feto-Maternal Incompatibility, Division of Biostatistics, Medical College of Wisconsin, Milwaukee, WI, 09/15/2009

Szabo, A., Reliability and Validity, Division of Biostatistics Seminar Series, Medical College of Wisconsin, Milwaukee, WI, 04/08/2010

Szabo, A., Introduction to R, MILWASA Workshop, Milwaukee, WI, 09/25/2011

Szabo, A., Modeling Correlated Multinomial Data, Division of Biostatistics Seminar Series, Medical College of Wisconsin, Milwaukee, WI, 02/07/2014

A Szabo, B Dhakal, Bayesian Network Meta-analysis of Treatment Toxicities, MCW Seminar, Milwaukee, WI, 03/26/2019 - Present

A Szabo, S Huang, Biostatistics Workshop for Pharmacy Researchers, virtual, 07/12/2021 - 07/15/2021

National

Szabo, A., Variable Selection and Pattern Recognition with Microarray Data, John Hopkins University School of Public Health, Department of Biostatistics Seminar, Baltimore, MD, 10/17/2001

Szabo, A., Variable Selection and Pattern Recognition with Microarray Data, UCLA Department of Statistics Seminar, Los Angeles, CA, 10/23/2001

Szabo, A., Estimating and Oncogenetic Tree, Minisymposium on Cancer Modelling, SIAM Conference on Life Sciences, Boston, MA, 03/09/2002

Szabo, A., Variable Selection and Pattern Recognition with Microarray Gene Expression Data, University of Oklahoma, Norman, OK, 04/25/2002

Szabo, A., Strength through Unity: Multivariate Approach to Gene Selection, NCRR Bioinformatics Conference, Boston, MA, 09/28/2002

Szabo, A., Modeling Prostate Cancer Incidence, University of Rochester, Department of Biostatistics and Computational Biology Seminar, Rochester, NY, 03/10/2004

Szabo, A., The Effect of TURP on Prostate Cancer Incidence, CISNET Meeting, Bethesda, MD, 07/06/2006

Szabo, A., Test for Stochastic Ordering for Correlated Binary Data with Variable Cluster Sizes, University of Indianapolis (IUPUI), Statistics Seminar, Indianapolis, IN, 11/16/2006

Szabo, A., Modeling Prostate Cancer Incidence, A.Y. Yakovlev Memorial Conference, Rochester, NY, 06/07/2009

Szabo A, DeVogel N., Partial Observability with Exchangeable Binary Outcomes, Joint Statistical Meetings (JSM), Baltimore, MD, 08/02/2017

Szabo, A., Test for Trend with a Multinomial Outcome, MCW Biostatistics Conference, Milwaukee, WI, 09/29/2017

International

Szabo, A., Testing for Trend with Clustered Binary Data Using Stochastic Ordering, ICOMAS 2012 Conference, Memphis, TN, 05/15/2012

Szabo, A, Qi, X., Semi-parametric Model for Clustered Binary Outcome, ICOSDA 2019, Grand Rapids, MI, 10/10/2019

A Szabo, S Tarima, Operating characteristic guided design of group-sequential trials, GMDS and CEN-IBS 2020, virtual, 12/02/2020 - Present

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

National

Szabo A., Okunseri E., Thorpe JM., Xiang Q., Okunseri C., Trends in Antibiotics and Analgesics Prescribed for Non-Traumatic Dental Conditions Visits in Emergency Department in the United States, Presented as a poster at the AcademyHealth Annual Meeting, Seattle, WI, 06/13/2011

COMMITTEE SERVICE:

Medical College of Wisconsin

08/2008 - 08/2011 Member, Program Review Committee, Graduate School, Medical College of Wisconsin

2009 - 2010 Chair, Graduate Exam Committee, Division of Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

2009 Member, Computer Committee, Division of Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

2009 - 2010 Chair, Newsletter Committee, Division of Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

2009 - 2010 Chair, Continuing Education Committee, Division of Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

06/2010 - 06/2014 Member, CTSI Protocol Review Committee, Medical College of Wisconsin

2010 - 2011 Member, Poster Day Committee, Division of Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

08/2011 - 07/2021 Member, Graduate Studies Committee, Graduate School, Medical College of Wisconsin

08/2012 - 06/2015 Member, Research Affairs Committee, Medical College of Wisconsin

2012 Member, Computer Committee, Division of Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

07/2013 - 07/2016 Member; Vice-President in 2014, Faculty IT Committee, Medical College of Wisconsin

08/2013 - Present Member, Cancer Center Scientific Review Committee, Medical College of Wisconsin

08/2016 - 07/2019 Member, Faculty Credentials Committee, Graduate School, Medical College of Wisconsin

2017 - 2021 Member, MS Program Exploratory Committee, Division of Biostatistics, Institute for Health & Equity, Medical College of Wisconsin

01/2022 - Present Member, Cancer Center Space Committee

MEDICAL COLLEGE TEACHING ACTIVITIES:**Continuing Medical Education**

2008 Fall 2008; Biostatistics - developed a series of 12 CME lectures for MCW fellows and residents
08/14/2009 "Concepts on the way from data to decisions" CME lecture
12/11/2009 "Multiple Testing" CME lecture
02/12/2010 "Designing Clinical Trials" CME lecture
11/28/2010 "Simple Statistics with Excel" CME lecture
02/22/2011 "Simple Statistics with Excel" CME lecture
11/20/2014 "Statistical Considerations in Grant Writing" CME Lecture
04/16/2016 "Designing Clinical Trials" CME Lecture

Graduate Student Education

2007 Fall 2007; Statistical Methods & Models I
2008 - 2010 Fall 2008-2010; Biostatistical Computing
2010 Summer 2010; Statistical Consulting
2011 Spring 2011; Theory of Consulting
2011 Fall 2011; Clinical Trials
2011 Summer 2011; Statistical Consulting
2013 Fall 2013; Biostatistics I
2013 Spring 2013; Statistical Methods & Models II
2014 Fall 2014; Biostatistics I
2015 Summer 2015; 2 Guest Lectures in CTS "Clinical Trails" Course
2016 Spring 2016; Advanced Computing
2016 Spring 2016; Theory of Consulting
2017 Spring 2017; Biostatistics II
2018 Fall 2018; Advanced Computing
2019 Fall 2019; Biostatistics I
2021 Summer 2021; Statistical Consulting
2021 Fall 2021; Biostatistical Computing
2023 Summer 2023; Statistical Consulting

EXTRAMURAL TEACHING:**Continuing Medical Education**

2004 University of Utah, Fall 2006; Biostatistics - a series of 6 CME lectures to Radiation Oncology residents
2006 University of Utah, Fall 2006; Biostatistics- a series of 6 CME lectures for Radiation Oncology Residents

Graduate Student Education

1998 The University of Memphis, Summer 1998 ; Introduction to Probability Theory
1999 University of Utah, Summer 1999; Introduction to Probability
2000 - 2006 University of Utah, Fall 2000 - 2006; Introductory Biostatistics for Basic Science graduate students

MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:**Clinical/Research Fellows**

Amy Zosel, MCW, 09/2011 - Present K12 program
Jennifer Strande, MCW, 09/2011 - Present K12 program
Lilani Perera, MCW, 09/2013 - 08/2014 Clinical Research Scholar
Juan Figueroa, MCW, 09/2013 - 05/2014 Clinical Research Scholar
Jayshil Patel, MCW, 09/2013 - 08/2015 Clinical Research Scholar
Arndt Guentsch, MCW, 09/2015 - 06/2017 Clinical Research Scholar

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS

MENTORED:

Graduate Students

MS Committees

Jef Huntington, University of Utah, MS Biostatistics Program, 01/2006 - 07/2006
Mi-Young Deidrich, University of Utah, MStat Mathematics, 06/2006 - 03/2007
Jo-Ann Nesiamia, MCW, MS Epidemiology Program, 07/2007 - 07/2008
Amanda Brandow, MCW, MS Epidemiology Program, 09/2007 - 06/2008
Colin Strub, MCW, MS Epidemiology Program, 10/2008 - 06/2009
Nathan Thompson, MCW, MS CTSI Program, 03/2013 - 05/2014
Rahul Nanchal, MCW, MS CTSI Program, 03/2013 - 05/2014
Cynthia Kay, MS CTSI Program, 03/2013 - 05/2014
Lubna Chaudhary, MCW, MS CTSI Program, 09/2014 - 05/2016
Arash Babaei, MCW, MS CTSI Program, 09/2014 - 10/2016
Guru Murphy, MCW, MS CTSI Program, 09/2016 - 05/2018
Chu-Yu (Julie) Cheng, MCW, MD/MS Program, 09/2018 - 05/2020
James Jerkins, MCW, MS CTS Program, 08/2019 - 01/2021
Panna Codner, MCW, MS CTS Program, 08/2020 - 03/2021
Devashis Mukherjee, MCW, MS CTS Program, 09/2020 - 04/2021
Bicky Thapa, MCW, MS CTS Program, 03/2021 - Present
Rupa Nallamothe, MCW, MS CTS Program, 10/2021 - Present
Xin Ran (Cindy) Li, MCW, MD/MS Program, 03/2022 - Present
Meghan Conroy, MCW, MD/MS Program, 03/2022 - Present

PhD Committees

Rodney Sparapani, MCW, PhD Biostatistics Program, 07/2009 - 06/2011
Peng He, MCW, PhD Biostatistics Program, 08/2012 - 06/2014
Jianing Li, MCW, PhD Biostatistics Program, 09/2013 - 05/2014
Sandra Bogar, MCW, PhD Public & Community Health, 10/2014 - 01/2017
Yushu Shi, MCW, PhD Biostatistics Program, 09/2015 - 06/2017
Jared Olson, MCW, PhD Public & Community Health, 10/2016 - 05/2019

PhD Students Advised

Xinran Qi, MCW, PhD Biostatistics Program, 05/2018 - 08/2021 Inference with Complex-structured Data: Controlled Group-wise Variable Selection Using A Generative Adversarial Network Knockoff Filter, Unconditional Reproducibility Probability Filter, and Semi-parametric Inference

MS Students Advised

Mollie Gengler, MCW, MS CTS Program, 04/2019 - 11/2020 Dental Appointment Utilization Behavior

PROGRAMMATIC DEVELOPMENTS:

Educational Programs

Student

2002 - Present designed Introduction to Biostatistics course

Resident

2004 - 2006 designed Biostatistics CME lecture series for Radiation Oncology residents

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Raetz EA, Moos PJ, Szabo A, Carroll WL. Gene expression profiling. Methods and clinical applications in oncology. Hematol Oncol Clin North Am. 2001 Oct;15(5):911-30, ix.
2. Peterson JA, Pechauer SM, Gitter ML, Szabo A, Curtis BR, Aster RH. The human platelet antigen-21bw is relatively common among Asians and is a potential trigger for neonatal alloimmune thrombocytopenia. Transfusion. 2012 Apr;52(4):915-6. PMID: PMC4427891
3. Palatnik A, Strawn E, Szabo A, Robb P. What is the optimal follicular size before triggering ovulation in

- intrauterine insemination cycles with clomiphene citrate or letrozole? An analysis of 988 cycles. *Fertil Steril*. 2012 May;97(5):1089-94.e1-3.
4. Yan G, Higuchi WI, Szabo A, Li SK. Correlation of transdermal iontophoretic phenylalanine and mannitol transport: test of the internal standard concept under DC iontophoresis and constant resistance AC iontophoresis conditions. *J Control Release*. 2004 Jul 23;98(1):127-38.
5. Okunseri C, Pajewski NM, Jackson S, Szabo A. Wisconsin Medicaid enrollees' recurrent use of emergency departments and physicians' offices for treatment of nontraumatic dental conditions. *J Am Dent Assoc*. 2011 May;142(5):540-50.
6. Okunseri C, Okunseri E, Gonzalez C, Visotcky A, Szabo A. Erosive tooth wear and consumption of beverages among children in the United States. *Caries Res*. 2011;45(2):130-5.
7. Okunseri C, Okunseri E, Thorpe JM, Xiang Q, Szabo A. Medications prescribed in emergency departments for nontraumatic dental condition visits in the United States. *Med Care*. 2012 Jun;50(6):508-12. PMID: PMC3353147
8. Turagam MK, Velagapudi P, Visotcky A, Szabo A, Kocheril AG. African Americans have the highest risk of in-hospital mortality with atrial fibrillation related hospitalizations among all racial/ethnic groups: a nationwide analysis. *Int J Cardiol*. 2012 Jun 28;158(1):165-6.
9. Trivedi H, Szabo A, Hariharan S. Declining rates of deceased donor renal transplantation in the United States over successive years of listing. *Am J Med*. 2012 Jan;125(1):57-65.
10. Turagam MK, Velagapudi P, Szabo A, Visotcky A, Kocheril AG. Survivors of sudden cardiac death with history of depression are not at significantly greater risk of recurrent arrhythmias and death. *Int J Cardiol*. 2012 Jun 14;157(3):445-6.
11. Pathak Y, Kopell BH, Szabo A, Rainey C, Harsch H, Butson CR. The role of electrode location and stimulation polarity in patient response to cortical stimulation for major depressive disorder. *Brain Stimul*. 2013 May;6(3):254-60. PMID: PMC4520296
12. Medhora M, Gao F, Fish BL, Jacobs ER, Moulder JE, Szabo A. Dose-modifying factor for captopril for mitigation of radiation injury to normal lung. *J Radiat Res*. 2012 Jul;53(4):633-40. PMID: PMC3393339
13. Han DP, Szabo A. Flashes, Floaters, and Oral Fluoroquinolones. *Arch Ophthalmol*. 2012 Sep 1:1-3
14. Bhagavatula P, Xiang Q, Eichmiller F, Szabo A, Okunseri C. Racial/ethnic disparities in provision of dental procedures to children enrolled in Delta Dental insurance in Milwaukee, Wisconsin. *J Public Health Dent*. 2014;74(1):50-6. PMID: PMC4121860
15. Gao F, Fish BL, Szabo A, Doctrow SR, Kma L, Molthen RC, Moulder JE, Jacobs ER, Medhora M. Short-term treatment with a SOD/catalase mimetic, EUK-207, mitigates pneumonitis and fibrosis after single-dose total-body or whole-thoracic irradiation. *Radiat Res*. 2012 Nov;178(5):468-80. PMID: PMC3678766
16. Bhagavatula P, Xiang Q, Szabo A, Eichmiller F, Kuthy RA, Okunseri CE. Rural-urban differences in dental service use among children enrolled in a private dental insurance plan in Wisconsin: analysis of administrative data. *BMC Oral Health*. 2012 Dec 21;12:58. PMID: PMC3548684
17. Han DP, Szabo A. Flashes, floaters, and oral fluoroquinolones: is retinal detachment a worry? *JAMA Ophthalmol*. 2013 Jan;131(1):91-3. PMID: PMC4183446
18. Gao F, Narayanan J, Joneikis C, Fish BL, Szabo A, Moulder JE, Molthen RC, Jacobs ER, Rao RN, Medhora M. Enalapril mitigates focal alveolar lesions, a histological marker of late pulmonary injury by radiation to the lung. *Radiat Res*. 2013 Apr;179(4):465-74. PMID: PMC3697111
19. Jensen ES, Allen KP, Henderson KS, Szabo A, Thulin JD. PCR testing of a ventilated caging system to detect murine fur mites. *J Am Assoc Lab Anim Sci*. 2013 Jan;52(1):28-33. PMID: PMC3548198
20. Ryan P, Maierle D, Csuka ME, Thomson A, Szabo A. Computer-based intervention to enhance self-management of calcium and vitamin D intake in women. *West J Nurs Res*. 2013 Sep;35(8):986-1010. PMID: PMC4545626
21. Leiker AJ, Yen TW, Eastwood DC, Doffek KM, Szabo A, Evans DB, Wang TS. Factors that influence parathyroid hormone half-life: determining if new intraoperative criteria are needed. *JAMA Surg*. 2013 Jul;148(7):602-6. PMID: PMC4448959
22. Okunseri C, Okunseri E, Thorpe JM, Xiang Q, Szabo A. Patient characteristics and trends in nontraumatic dental condition visits to emergency departments in the United States. *Clin Cosmet Investig Dent*. 2012;4:1-7. PMID: PMC3652363
23. Okunseri C, Okunseri E, Garcia RI, Visotcky A, Szabo A. Predictors of dental care use: findings from the national longitudinal study of adolescent health. *J Adolesc Health*. 2013 Nov;53(5):663-70. PMID: PMC3805715

24. Okunseri C, Okunseri E, Chilmaza CA, Harunani S, Xiang Q, Szabo A. Racial and ethnic variations in waiting times for emergency department visits related to nontraumatic dental conditions in the United States. *J Am Dent Assoc.* 2013 Jul;144(7):828-36. PMID: PMC3817612
25. Kim JE, Weber P, Szabo A. Medical malpractice claims related to cataract surgery complicated by retained lens fragments (an American Ophthalmological Society thesis). *Trans Am Ophthalmol Soc.* 2012 Dec;110:94-116. PMID: PMC3671368
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Software, Software Modules

1. Oncotree - R package, CRAN
2. CorrBin - R package, CRAN
3. multiCA - R package, CRAN
4. exchreg - R package, GitHub
5. gsDesignOC - R package, GitHub