



# LETTER FROM CHAS DIRECTORSHIP

The Center for Health Administration Studies (CHAS) has been a leading health policy and services research center at The University of Chicago for over 75 years. The work of CHAS continues to build on the rich tradition described by health policy visionary and CHAS founder Odin W. Anderson: That all people should have equal access to health services regardless of financial status. The passage of the Affordable Care Act (ACA) in 2010 was a partial realization of this vision and the result of over 50 years of research and advocacy by CHAS and numerous other research centers and institutions. The most significant health and welfare policy reform since the New Deal, the ACA has resulted in over 20 million uninsured individuals who have gained health insurance coverage. The process of reform is ongoing and remains a central topic of study for CHAS Fellows and faculty.

Anderson's historic vision can be found in all aspects of the work of CHAS in programs supporting faculty research, promoting interdisciplinary inquiry, disseminating research, and promoting student learning. CHAS-supported research enables researchers from across The University of Chicago to explore new questions, identify knowledge gaps, and translate research to policy and practice focused on health care for the disadvantaged.

Innovative health policy and services research was supported and disseminated again this year through the CHAS Seed Grant Program and the CHAS-sponsored Michael Davis Lecture Series. Through partnerships and co-sponsorship CHAS supported a series of important workshops and conferences including the CHAS-Sciences Po Workshop in Health Policy Innovation and Reform and the Chronic Disease Center's Annual Research Symposium.

An intentionally interdisciplinary health policy and services research center located in a graduate school of social work is a unique institutional form that both exploits and enriches the values and orientation of The University of Chicago. We are proud that, in 2018, we engaged CHAS faculty and fellows along with health policy and services researchers from across The University of Chicago and around the world to engage in and advance innovative health policy and services research. Building on its rich tradition, CHAS continues to support and advance research, disseminate knowledge and promote learning and teaching to promote quality health care for all.

Jeanne C. Marsh, PhD, MSW Director

June C. Mark

Harold Pollack, PhD Co-Director

Harvel Pollack



# 2018 BY THE NUMBERS





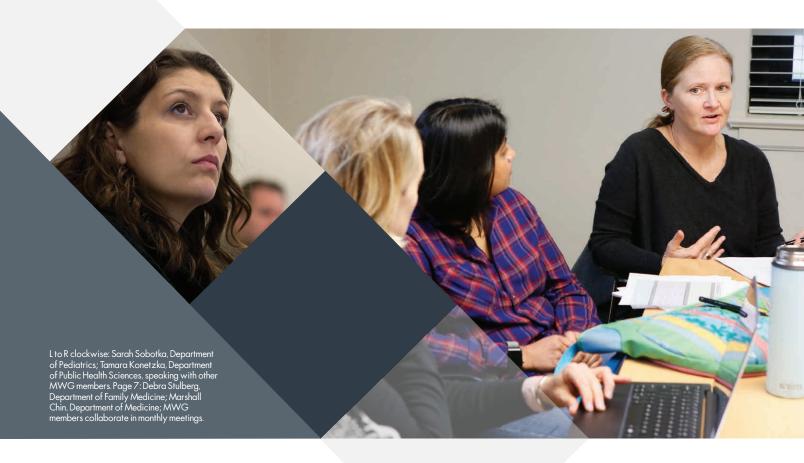
2 Faculty Seed Grants

Davis Lectures

6 Doctoral Students Awards

3
Workshops
& Conferences

Years of National Insurance Data Analyzed



# MEDICAID (MAX) WORKING GROUP

Medicaid is the largest single health care insurer in the United States, insuring more than 75 million Americans and affecting the daily practice of clinicians and health care organizations nationwide. As a nation, we are in the midst of the largest changes to the Medicaid program since its inception 50 years ago, with potentially more dramatic changes on the horizon. Nonetheless, the Medicaid program is vastly understudied, impeding the creation of effective and innovative policy for low-income populations. The Medicaid (MAX) Working Group (MWG) is an interdisciplinary team of University of Chicago health services researchers, economists, political scientists, social workers and physicians. With support from CHAS, the group purchased high-quality national Medicaid Analytic eXtract (MAX) claims data. The MWG meets regularly to develop and implement a research agenda for the initiative. Several federal and nonfederal grants and contracts have been funded based on the work of the group. Potential projects include an evaluation of the effects of managed care on a variety of vulnerable groups; the optimal treatment of chronic conditions among long-term care users; the effects of Medicaid funding policies on the dually eligible; opioid use among the elderly; and the treatment of serious mental illness in nursing homes.

# **CURRENT MWG MEMBERS**

# Marshall Chin, MD, MPH

Associate Chief and Director of Research,
Department of Medicine; Director, Chicago
Center for Diabetes Translation Research;
Director, Finding Answers: Disparities
Research for Change, Department of
Medicine; Fellow, Center for Health
Administration Studies

# Colleen Grogan, PhD

Professor, School of Social Service Administration; Director, Graduate Program in Health Administration and Policy; Co-Director, Center for Health Administration Studies

# Elbert Huang, MD, MPH

Associate Professor of Medicine; Director of the Center for Translational and Policy Research of Chronic Diseases; Associate Director of the Chicago Center for Diabetes Translation Research; Fellow, Center for Health Administration Studies

# Tamara Konetzka, PhD

Professor (Health Services Research),
Department of Public Health Sciences;
Fellow, Center for Health Administration
Studies; Fellow, Center for Health
Administration Studies

# Jeanne Marsh, PhD, MSW

George Herbert Jones Distinguished Service Professor, School of Social Service Administration; Director, Center for Health Administration Studies; Co-Director, Graduate Program in Health Administration and Policy

### Robert Nocon

Senior Health Services Researcher, Section of General Internal Medicine, Department of Medicine

# Harold Pollack, PhD

Helen Ross Professor, School of Social Service Administration and Crime Lab; Affiliate Professor Biological Sciences Collegiate Division & Department of Public Health Sciences

# Prachi Sanghavi, PhD

Assistant Professor (Health Services Research), Department of Public Health Sciences

### Phil Schumm, MA

Senior Biostatistician & Assistant Director, Biostatistics Laboratory Director, Research Computing Group, Department. of Public Health Sciences

# Sarah Sobotka, MD

Assistant Professor of Pediatrics, Developmental & Behavioral Pediatrics





# UCHICAGO PROJECTS UTILIZING MWG AFFILIATED DATA

# **Access to Preventative Care to Improve Maternal Outcomes**

Principal Investigator: Debra Stulberg

# Cost of Care for Medicare Enrollees in Health Centers Versus Other Settings

Authors: R. Tamara Konetzka, Robert Nocon

# Effects of Ambulance, Transport Distance, and Hospital Destination on Health Outcomes of Out-of-Hospital Medical Emergencies

Principal Investigator: Prachi Sanghavi

# Effects of Care Setting on Persons with Alzheimer's Disease and Their Spouses

Principal Investigator: R. Tamara Konetzka

# Health Service Use, Cost, and Quality of Care for Adult Medicaid Enrollees Receiving Primary Care in Health Centers Compared to Non-Health Centers

Authors: Robert Nocon, Marshall Chin, Elbert Huang, R. Tamara Konetzka

# Health Service Use, Cost, and Quality of Care for Adult Medicaid Enrollees With Diabetes Receiving Primary Care in Health Centers Compared to Non-Health Centers

Authors: Neda Laiteerapong, Marshall Chin, Elbert Huang, Robert Nocon

# Health Service Use, Cost, and Quality of Care for Pediatric Medicaid Enrollees Receiving Primary Care in Health Centers Compared to Non-Health Centers

Authors: Anna Volerman, Marshall Chin, R. Tamara Konetzka

# Integrated Care Quality and Retention for Medicaid Enrollees Receiving Medication Assisted Treatment for Opioid Disorders

Authors: Jeanne Marsh, Harold Pollack, Neda Laiteerapong, Robert Nocon



# **CURRENT CHAS FELLOWS**

Fellows at the CENTER FOR HEALTH ADMINISTRATION STUDIES are distinguished faculty members from schools and departments across the University of Chicago campus. CHAS Fellows are appointed by the Directorship of CHAS based on their important health policy and services research, as well as their past involvement in the programming of CHAS and the Graduate Program in Health Administration and Policy (GPHAP). Many Fellows continually contribute their expertise to CHAS affiliated programs, including the Michael M. Davis lecture series, the Medicaid (MAX) Working Group and CHAS hosted workshops.

**Daniel Adelman, PhD, MSc**Booth School of Business

**Alida Bouris, PhD, MPhil, MSW** School of Social Service Administration

**Kathleen Cagney, PhD**Department of Public Health Sciences

Marshall Chin, MD, MPH
Department of Medicine

Matthew Epperson, PhD, MSW School of Social Service Administration

**Angela Garcia, PhD, MA**School of Social Service Administration

**Robert Gibbons, PhD**Department of Public Health Sciences

**Donald Hedeker, PhD**Department of Public Health Sciences

**Elbert Huang, MD, MPH**Department of Medicine

Waldo E. Johnson, Jr., PhD, MSW School of Social Service Administration

**Leyla Ismayilova, PhD, MSW**School of Social Service Administration

**R. Tamara Konetzka, PhD**Department of Public Health Sciences

**Diane Lauderdale, PhD**Department of Public Health Sciences

**Anup Malani, PhD, JD** The Law School

**J. Curtis McMillen, PhD, MSW**School of Social Service Administration

**Doriane Miller, MD**Department of Medicine

**Olufunmilayo Olopade, MD**Department of Medicine

**Sola Olopade, MD, MPH** Center for Global Health **John Schneider, PhD, MD**Department of Public Health Sciences

**Fabrice Smieliauskas, PhD**Department of Public Health Sciences

**Prachi Sanghavi, PhD**Department of Public Health Sciences

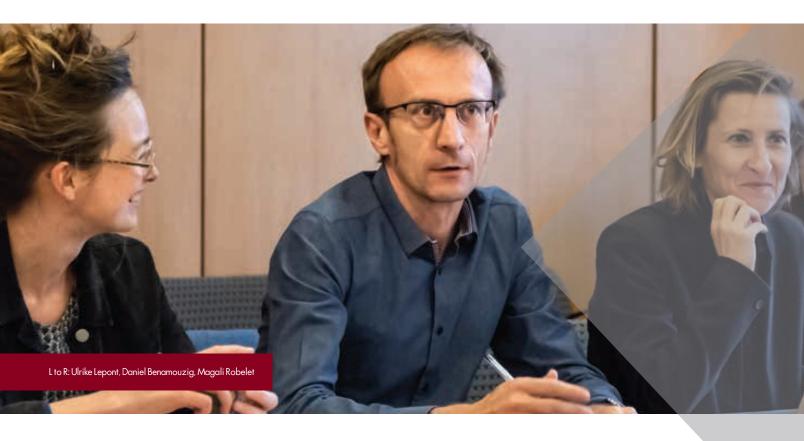
**Julian Solway, MD**Department of Medicine

**Debra Stulberg, MD**Department of Family Medicine

**Dexter Voisin, PhD, MSW**School of Social Service Administration

Marci Ybarra, PhD, MSW School of Social Service Administration

**Alan Zarychta, PhD**School of Social Service Administration



# CHAS AND SCIENCES PO HEALTH POLICY INNOVATION & REFORM WORKSHOP

The second CHAS & Sciences Po Health Policy and Innovation Reform Workshop was held June 14-15, 2018 at The University of Chicago's Center in Paris. This workshop was organized to recognize that the health and social service sectors in both the U.S. and France are large and dynamic sectors undergoing significant innovation and reform. While the health and social service systems in the U.S. and France are distinct, both countries are undergoing reforms designed to increase accessibility, quality and cost-effectiveness. In both contexts, research and evaluation have contributed to innovation and reform in policy and service delivery.

Topics addressed in this year's Workshop included science-based policy innovation and reform; improving access through health insurance innovation; improving access through service innovation; improving quality through prevention; improving quality through social investment; improving quality through regulation. This second meeting of the group provided significant opportunities for critical review and comparative analysis. Participants included health policy researchers from French universities and from The University of Chicago. UChicago faculty who attended the 2018 workshop included Mark Courtney, Deborah Gorman-Smith, Colleen Grogan, Jeanne C. Marsh, and Harold Pollack. The workshop was sponsored by CHAS and The University of Chicago's France Center.



# 2018 CHAS & SCIENCES PO WORKSHOP PARTICIPANTS

# Anne-Laure Beaussier, PhD, MA

CNRS Researcher, Sciences Po (Center for the Sociology of Organizations)

# Daniel Benamouzig, PhD, MPhil, MS

CNRS Research Professor, Sciences Po (Center for the Sociology of Organizations); Deputy Director, Institute of Public Health of INSERM-AVIESAN

# Henri Bergeron, PhD, DEA (MA)

CNRS Research Fellow, Sciences Po (Center for the Sociology of Organizations; Co-Director of the Health Department of the Interdisciplinary Centre for the Evaluation of Public Policies (Centre of Excellence - LABEX); Scientific Coordinator of the Chair in Health Studies, SciencesPo

### Mark E. Courtney, PhD

Samuel Deutsch Professor The University of Chicago School of Social Service Administration (SSA)

### Deborah Gorman-Smith, PhD

Dean for the School of Social Service Administration; Emily Klein Gidwitz Professor at the School of Social Service Administration at the University of Chicago; Executive Committee Member, Center for Health Administration Studies (CHAS)

# Colleen M. Grogan, PhD

Professor at The University of Chicago School of Social Service Administration (SSA); Executive Committee Member, Center for Health Administration Studies (CHAS)

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# Patrick Hassenteufel, PhD

Vice-Dean for Research of the Faculty of Law and Political Science, University of Versailles- Paris-Saclay Professor of Political Science, University of Versailles- Paris-Saclay

### Ulrike Lepont, PhD

Post-Doctoral researcher, University Versailles Saint-Quentin-en-Yvelines

### Jeanne C. Marsh, PhD, MSW

George Herbert Jones Distinguished Service Professor at The University of Chicago School of Social Service Administration; Director of the Center for Health Administration Studies (CHAS)

### Constance A. Nathanson, PhD

Professor of Sociomedical Sciences and Population and Family Health, Columbia University's Mailman School of Public Health.

### Harold Pollack, PhD

Helen Ross Professor at The University of Chicago School of Social Service Administration; Co-Director of The University of Chicago Crime Lab; Executive Committee Member, Center for Health Administration Studies (CHAS); Affiliate Professor, Biological Sciences Collegiate Division and the Department of Public Health Sciences

### Magali Robelet, PhD

Senior Lecturer (Sociology), Lyon 2 University; Researcher, Max Weber Center (CNRS), Lyon, Paris



# TEACHING AND LEARNING



Graduates of SSA's doctoral program are engaged in path breaking health policy and services research at universities and research institutes around the world. Each year CHAS supports health policy and services research of SSA PhD students through dissertation awards and pre-doctoral stipends. The pre-doctoral stipend program provides funding for either SSA PhD students collaborating with a faculty mentor on a health policy and services research project that is expected to result in a jointly authored publication. Recent jointly-authored projects have been published in *Journal of Substance Abuse Treatment, Health Affairs, Journal of Aging & Social Policy, The Milbank Quarterly, and Journal of Health Politics, Policy and Law.* 

For more details on applying for stipend support, please refer to the CHAS website: <a href="mailto:chas.uchicago.edu/research/doctoral-research-stipend-program">chas.uchicago.edu/research/doctoral-research-stipend-program</a>

Science and Social Work Practice

### Mary Bunn, LCSW, MA

PhD Student & Adjunct Faculty, School of Social Service Administration; Mental Health Technical Advisor, Heartland Alliance International; Clinical consultant, Cross Cultural Foundation, Bangkok, Thailand

Service Utilization Trends for Heroin Use and Nonmedical Use of Prescription Opioids

### Yu-An Lin, MSW

PhD Candidate, School of Social Service Administration

Examining Integrated Health Care

# Hannah MacDougall, LCSW, MSW

PhD Student, School of Social Service Administration

Shedding Light on Client Experiences and Perceptions: Substance-Abusing Parents in the Child Welfare System

# Keunhye Park, MSW

PhD Student, School of Social Service Administration

Project 1: Effects of Care Setting on Persons with Alzheimer's Disease and their Spouse

Project 2: The Impact of Socioeconomic Status on Early-Adulthood Education and Employment Outcomes Among Visually Impaired and Hearing-Impaired Youth (Analysis of the National Longitudinal Transition Study-2 (NLTS2) Waves 1-5)

# Tonie Sadler, AM

PhD Student, School of Social Service Administration

Barriers to Health Information Technology Adoption: Understanding the Value of Data and Being Able to Use It

# Bikki Tran Smith, MSW, MA

PhD Candidate, School of Social Service Administration

# TEACHING AND LEARNING



L to R clockwise: GPHAP graduates Brandi Green and Andrew Yaspan; GPHAP Director Laura Botwinick with GPHAP graduates Christine Head, Zak Randall, and Chris Parker; GPHAP graduates Michael Dunn and Jacqueline Buente

# GPHAP, GRADUATE PROGRAM IN HEALTH ADMINISTRATION AND POLICY

CHAS supports an innovative health policy and research training program for graduate professional students at the University of Chicago. GPHAP is a unique health administration program in the United States that allows students to earn a Certificate in Health Administration and Policy (GPHAP) or a Certificate in Health Administration and Policy with a Concentration in Global Health, while earning a degree in one of the participating University of Chicago graduate professional schools: Booth School of Business, Harris School of Public Policy, Law School, Pritzker School of Medicine, and School of Social Service Administration.

# APPLYING FOR GPHAP PROGRAM OF STUDY

The application deadline for master's degree students entering in the Autumn Quarter is the beginning of September annually. Applications received by the deadline will be notified mid to late September. For more details on applying, please refer to the GPHAP website: www.ssa.uchicago.edu/gphap/



# 2018 GPHAP AWARDEES

**2018 Mary H. Bachmeyer Award:** Rachael Mazzella (Booth)

# 2018 George Bugbee Awards:

Jacquelyn Buente (SSA), Christopher Parker (Law), Samuel Fuchs (Harris), Katherine D'Amico (Booth)

### 2018 Ray E. Brown Fellows:

Holly Smith (Booth), Michelle Agunloye (SSA), Sara Rahim (Harris), Steven Server (Pritzker)

### 2018 Arthur Quern Fellows:

Desire Bernard (SSA), Evan Braithwaite, (Pritzker), James Lott, (Harris), Alicia Ozier, (SSA), Jason Semprini, (Harris)

# 2018 Carl A. Erikson Fellows:

Michelle Agunloye, (SSA), Ashley Isaacson, (SSA), Ruodan Liu, (Harris), Joseph Lovins, (Harris), Aruba Nomani, (SSA), Caitlin Petrakis, (Harris), Jocelyn Ramirez, (SSA), Hannah Wagner, (Harris)

# **2018 GPHAP STUDENTS**

### SSA

1 st Year
Alyssa Broxton
Ryan Carr
Ana Carvalho
Tatiana Cortes
Richard Gauthier
Sooeun (Tiffany) Kim
Denise Ponce-Gavarrete
Emily Sannini
Audrey Schield
Tamika Songster
Samantha Steinmetz

2nd Year
Michelle Agunloye
Desire Bernard
Abbas Chinoy
Ashley Isaacson
Sara Lytle
Michaela McGlynn
Nina Medoff
Mariel Mentink
John Moulder
Aruba Nomani
Jocelyn Ramirez
Keirsha Thompson

Global Health 1st Year Armando Garcia Indira Imantayeva Yanwen Wang

**2nd Year**Ruth Castro
Abigail McMorrow
Alicia Ozier

### **BOOTH**

1st Year
Vanessa Buie
Kimberly Cui
Rachel Frank
Margaret Gaby
Michael Kovach
Maxwell Lounds
David (Fritz) Parker
Dustin Shung
Sonia Siok
Ariadne Souroutzidis
Stephanie Staton

2nd Year Shawn Albert Amy Altchuler Nick Balay Emily Blumenthal Shannon Cunningham Zak Randall Holly Smith Rachel Stillman Verdon Tsang Yin Zhu Global Health 1st Year Ashley Allison Yelei (Angie) Chen Ryuhei Kondo

**2nd Year** Zhizhen Gu Malvika Jain Cherie Qianli Li

### **PRITZKER**

Global Health Track\* 2nd Year Evan Braithwaite Beverly Kyalwazi Steven Server **3rd Year** Keith Ameyaw Ben Bowman Michael Gwede Kellie Schueler

\* 1 st Year students selected after printing

# 4th Year Miriam Alaka Monica Matsumoto Ellen Richmond Olga (Golda) Sinyavskaya

### i st tear stuaents selectea atter printi

### **HARRIS**

1st Year
Allison Collins
Bonaventure Dzekem
Jinglin Fu
Sol Lee
Yuke Li
Jake Lichtenfield
Takuyo Ozaki
Yeieun Park
Kris Vallencillo
Lucy Yu

2nd Year Saurabh Kalra James Lott Joseph Lovins Ruodan Liu Jessy Nguyen Caitlin Petrakis Ian Ramdeen Aubrey Thrane Hannah Wagner

Ja

Pediatric Health

Policy Fellows

Joseph Bokem Lee

# Global Health 1st Year Anirudh Ajith Ishan Banerjee Yue Wang

**2nd Year** Ryan Carson Daisuke Muro Sara Rahim Jason Semprini

# LAW

**1st Year** Sarah Gaskell Brian Goodell Catherine Pellerin

# **DIVINITY**

Walter Palmer

**1st Year** Salman Safir

**ANNUAL REPORT 2018** 

# STEERING INNOVATION

# **FACULTY SEED GRANTS**

Research is supported each year through the CHAS Seed Grant Program. The program supports interdisciplinary research projects designed to lead to larger, more complex projects. The distinction of University of Chicago investigators and diversity of topics represented by the Seed Grants reflect the focus of CHAS on health access, cost, quality, behavioral health and integrated services.





# APPLYING FOR CHAS SEED FUNDING

Do you have a new start-up research project that needs financial budgeting to start or to advance the study? CHAS seed grants are awarded to University of Chicago faculty members for two year durations, with July 1st start dates. The application process opens annually early Spring, with Committee Review and funding decision before July 1st. Junior faculty are strongly encouraged to apply, but proposals are accepted from any UChicago appointed faculty member. For more details on applying, please refer to the CHAS website: <a href="mailto:chas.uchicago.edu/research/seed-grants">chas.uchicago.edu/research/seed-grants</a>

# **2018 SEED GRANT AWARDEES**

"Right to the City: Can a Municipal Identification Card Unlock the Door to Urban Well-being and Inclusion in Chicago?"

Yanilda Maria Gonzalez, PhD, MA

"Consequences of Foreign Language Use on Medical Decision Making"

Boaz Keysar, PhD, MA

Please refer to the opposite page for prior awarded seed project final reports.

# Factors That Impact the Implementation of Asthma Policy in Schools

Principal Investigator: Anna Volerman, MD

Asthma is the most common chronic childhood condition in the United States, disproportionately affecting youth from minority and low socioeconomic backgrounds. Because of the amount of time children spend in school or related activities, schools are an integral partner in optimal asthma management for children. Research supported by a CHAS Seed Grant demonstrated that approximately 3/4s of children in grades 3-8 carry and self-administer their own inhalers at school However, an evaluation of the knowledge and skills needed for inhaler self-carry and administration showed a significant incongruity between readiness to self-carry and actual self-carry practices. Findings demonstrate a critical need for efforts to disseminate the policy and foster understanding to ensure children have access to appropriate asthma care at school. This project resulted in grants from the University of Chicago Women's Board Grant ("CAPTURE – A Comprehensive Approach to Provide Timely Urgent Resources to Every Child with Asthma in School") and the CHEST Foundation ("A Randomized Clinical Trial Evaluating the Effectiveness of Virtual Teach-to-GoalTM Education versus Brief Intervention for Children with Severe Asthma"), as well as publications in multiple journal manuscripts under review and published, including in the Annals of Allergy, Asthma and Immunology.

# Developing an Integrated Family-Based Mental Health Prevention Program for Institutionalized Children in Azerbaijan Principal Investigator: Leyla Ismayilova, PhD

Due to the economic crisis following the collapse of the Soviet Union, Azerbaijan hosts an exploding population of "social orphans," children left by destitute parents in state-run orphanages. Separation from parents, maltreatment by staff, high staffto-child ratio, neglect and abuse in orphanages, death of parents (often traumatic) severely heighten the risk of mental health problems among institutionalized children. In order to develop an intervention for institutionalized children reuniting with their families and ensure its cultural relevance and viability, research supported by a CHAS Seed Grant used qualitative methods (1) to explore mental health needs of institutionalized children and their parents and (2) to identify the potential motivators and barriers to a mental health preventive intervention feasible in a low-resource country with limited mental health resources. Findings showed the majority of caregivers were single mothers who were overwhelmed by the feeling of guilt and a sense of helplessness. In a predominantly Muslim society, divorced or widowed mothers had limited employment or income generating opportunities and often due to their poverty level, were often faced with no other option but to place their child in an institution. Women listed a lack of economic and social support as some of the key concerns. Children's behavioral and emotional problems were manifested in withdrawn and socially distant behavior or in overtly aggressive behavior toward family members, including younger siblings. Results from the study were presented as conference abstracts (SSWR 2019, SWSD 2018) and produced two manuscripts under review. The study prompted the submission of two federal funding proposals: 1R21 MH119863-01, "eBridge-to-Care: A Trauma-Informed Comprehensive Care e-Toolkit for Children Leaving Orphanages in Azerbaijan" and an NIH RO1 in response to PAR18-835, "Optimizing Prevention Approaches for Children Reintegrating From Orphanages in Azerbaijan."

# Criminal Risk Factors among Persons with Serious Mental Illnesses In Mental Health Treatment

Principal Investigator: Matthew Epperson, PhD, MSW

More than one million persons with serious mental illnesses (SMI) are involved in the U.S. criminal justice (CJ) system. Because mental illness frequently goes unrecognized in jails and prisons, and because resources for treatment are limited, the majority of these individuals never receive appropriate mental health treatment while incarcerated. The U.S. spends an estimated \$15 billion annually on incarcerating persons with SMI. Research supported by a CHAS Seed Grant used interview data to examine factors associated with recent criminal justice involvement. Findings indicate that being male; lower educational attainment; lower income; higher scores on the selfappraisal questionnaire; criminal sentiments scale score; history of a drug problem; history of childhood trauma; and lower levels of neighborhood resources — all are associated with criminal justice involvement. Results show that many interviewees recognized problems resulting from psychiatric instability, a sizable portion indicated substance use as being either determinant of their instability or complexly bound up in the process of both their criminality and psychiatric symptoms. Study findings were presented at national and international conferences, including the XXXVth International Congress on Law and Mental Health in Prague, Czech Republic and the Student Mental Health Association, Harvard Law School, Cambridge, MA. Findings also informed two grant applications that were funded "Promoting Behavioral Health within Communities to Reduce Criminal Justice Contact," SPIRiT Pilot Program at National Institutes of Health, Clinical and Translational Science Award (CTSA) Consortium and "Building Social Capacity to Address Behavioral Health Needs and Reduce Incarceration in Underserved Chicago Community," The Women's Board, University of Chicago.

Field of Work: Racial Disparities in Predictive Biomarkers, Access to Precision Medicine, and Cancer Outcomes

Principal Investigator: Fabrice Smieliauskas, PhD

The rise of precision medicine has prompted reflection on whether it conflicts with or is complementary to population health. Analyses of precision cancer therapies using the lens of population health make critical contributions to this debate, but are currently scarce. As well, health disparities are of fundamental concern to population health, but there are substantial dangers that the benefits of precision cancer therapies may disproportionately accrue to non-minority patients. Research supported by a CHAS Seed Grant estimated population-weighted estimates of actionability and survival gains overall and – critically – were among the first to provide these data for R/E minorities. The research was innovative in extending cancer disparities research beyond a focus on access and quality of care to include disparities in drug development, in assembling and analyzing tumor genomic profiling samples of R/Eminorities, and in developing new methodologies to evaluate precision population health. Results indicate distinct differences across R/E in the prevalence of actionable molecular abnormalities. The starkest contrasts come in lung cancer: 48% of Asians have EGFR mutations vs. only 17% of non-Hispanic Whites; 7% of Hispanics have ROS1 fusions vs. 1% of non-Hispanic Whites. As a result, there are disparities across R/E in overall actionability rates, and correspondingly in the attainable survival gains from these therapies. However, we find that further development of drugs for only two additional tumor mutations would eliminate these disparities in lung cancer and greatly increase overall population health, suggesting that a new focus on these two drug targets by science policymakers may be warranted. Seed Grant support resulted in seven grants submitted to federal funding agencies on this topic, presentations at multiple universities, and one manuscript in preparation.

# DIFFUSION OF HEALTH POLICY AND SERVICES RESEARCH

CO-SPONSORSHIPS: CHAS continues to support and promote collaborative centers and programs across campus. On topics as diverse as social work's role in implementing the Affordable Care Act to a comparative analysis of health care reform in France and the U.S., CHAS sponsors and supports research conferences to bring evidence to bear on emerging trends and issues in health policy and services. On February 13, 2018, CHAS co-sponsored a PDP (ssa.uchicago.edu/professional-development-program) event to bring the Chief Executive Officer of the Center for Youth Wellness, Nadine Burke-Harris, MD, MPH, FAAP, to SSA to speak about her latest book, titled, The Deepest Well. Additionally, CHAS recently supported the 6th Annual Research Symposium held by the Center for Chronic Disease Research and Policy, which was themed, "Advancing Population Health Management Through Medical Education, Health Policy, and System Change."

**SOCIAL MEDIA:** CHAS utilizes the latest technologies to bring educational content to stakeholders and the community. Most lectures and events hosted by or co-sponsored by CHAS are broadcasted live online using Livestream and then archived on the CHAS YouTube channel.

Please follow the CHAS accounts on social media to learn about health policy locally and nationally, in addition to learning more about CHAS future initiatives:



@CHASUChicago



@UChicagoCHAS



CHASUChicago

PODCASTS: New to 2018, CHAS has started a podcast channel for unique and mobile listening content. Visiting scholars are interviewed about their latest research endeavors and how it may impact healthcare policy and disadvantaged populations. Shorter soundbites from Michael M. Davis lectures will also be featured regularly for listening ease. To access CHAS podcasts, refer to chas.uchicago.edu/gallery.

chas eNews: Educational and training opportunities that convene today's leaders, and prepare tomorrow's to operate in multiple sectors including social service, business, law, medicine, and public policy, are regularly disseminated to CHAS stakeholders with our monthly eNews subscriptions.

Significant research findings from CHAS affiliated faculty researchers are featured monthly in sections entitled POLICY BRIEFS and SERVICE INNOVATIONS.



# **2018 FINANCIALS**

	FY18 Expenses	
TOTAL	\$	329,843
Progammatic Spending	\$	175,313
Operations	\$	154,530
Supporting SSA programs		
Davis Lecture expenses	\$	19,186
Predoctoral Awards	\$	18,000
Supporting UChicago		
Medicaid Working Group	\$	128,127
n-SSA Conferences/Workshops	\$	10,000

# 2018 GOVERNANCE

# **DIRECTORS**

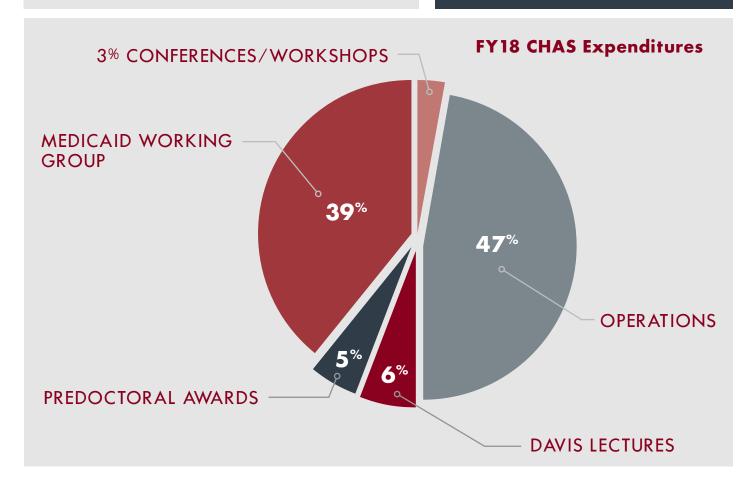
Jeanne C. Marsh, PhD, MSW School of Social Service Administration

Harold Pollack, PhD School of Social Service Administration

# **ADVISORY COMMITTEE**

Deborah Gorman-Smith, PhD School of Social Service Administration

Colleen Grogan, PhD School of Social Service Administration







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