

Rachel Levine, M.D.
Medical & Public Health Expert and LGBTQ Leader

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Professional Summary

A transformational and dedicated public servant with a distinguished career as a Physician, Advocate, and a Government Official who continues to change hearts and minds while she serves the Commonwealth of Pennsylvania and the nation.

A devoted Public Health expert and Physician with a focus on pediatrics, adolescent medicine, and the healthcare needs of the LGBTQ community who has:

- Brought national awareness to opioid use disorder while providing solutions that are both available and accessible
- Highlighted and promoted the need for adequate medical care as well as access for the LGBTQ community
- Provided a steady hand and voice in managing Pennsylvania's response to the COVID-19 pandemic that has saved thousands of lives and ensured PA's infection rate is one of the lowest in the nation

Her focus, leadership, acumen, and strength have inspired support and accolades from across Pennsylvania and the nation. In 2020, she became President of ASTHO (Association of State and Territorial Health Officials). Her heart is full of a burning desire to help people and her time is full working towards protecting the public health of everyone in Pennsylvania. She has always held public health preparedness as one of her top priorities in the event of a global pandemic. That has proven to be prescient and she has effectively led the public health response to COVID-19 in Pennsylvania.

She stands ready to continue to serve and help people across the nation.

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Honors and Awards

2020	<i>Out Magazine's</i> Annual Out 100 List
2020	Pride 2020: Out on the Frontline, NBC News
2020	Child Health Advocate Award, American Academy of Pediatrics
2019	Edwin J. Bomba Memorial Award for Advocacy, LGBTQ Elder Initiative/William Way LGBT Community Center
2019	Honorary Doctoral Degree, Lebanon Valley College
2019	Penn State Alumni Award
2018	Honorary Doctoral Degree, Franklin & Marshall College
2018	American Psychiatric Association PA Jacob Javitz Award
2018	Equality Forum recipient of the Frank Kameny Award
2018	PA Association of School Nurses and Practitioners (PASNAP) Friend of School Nursing
2018	PA HIMSS Executive of the Year Award
2018	Keystone Award, PA Youth Congress
2017	NBC OUT #PRIDE30
2017	Honorary Doctoral Degree, Salus University
2017	Honorary Doctoral Degree, University of the Sciences
2017	Honorary Doctoral Degree, Edinboro University
2017	GLMA Achievement Award
2017	AAUW Gateway to Equity Award
2017	University of PA Center for AIDS Research (CFAR) Policy Recipient for the Penn CFAR CAB's 14 th Annual Red Ribbon Awards
2015	Philly Pride Grand Marshall
2015	Founder of Penn State Hershey LGBT and Allies Group
2015	Central Pa LGBT Community Center Fall Achievement Benefit: Outstanding Contribution to Central Pa LGBT Community
2015	Penn Medicine Program for LGBT Health: Certificate of Appreciation
2013	Deans Award for Diversity Champion, Penn State Health
2012	Dr. Susan R. Rankin Award for Leadership, Integrity and Outstanding contributions to LGBT Issues for Penn State University
2012	Deans Award for Teaching Excellence, Penn State Health
2008	Among the Top 30 Educators-Department of Pediatrics
2007	Patient Satisfaction Award for Care Providers Scoring in the 95 th - 98 th Percentile Nationwide
2000	Outstanding Lecturer in second year, PPS - Class of 2002
2000	Distinguished Faculty Student Teaching Award - Class of 2000
1996	Distinguished Faculty Student Teaching Award - Class of 1996

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Accomplishments

Pennsylvania Secretary of Health and Physician General

COVID 19 Pandemic:

- Led Pennsylvania's response by establishing a COVID-19 Department Operations Center in February 2020
- Hosted daily press conferences throughout the spring keeping the public up-to-date and reminding them to 'Stay Home, Stay Calm, Stay Safe'
- Served as a national voice, on behalf of ASTHO, reinforcing need for federal government to partner with state leadership
- PA DOH and our sister agencies distributed over 5 million N-95 masks, over 700,000 gowns, over 2 million procedure masks, over 7 million gloves, over 1 million face-shields, and over 900,000 bottles of hand sanitizer
- Expanded testing with over 25% of Pennsylvanians have successfully been tested for COVID-19
- Issued a Secretary's Order on mitigation which the University of Pittsburgh studies determined that strong and prompt mitigation efforts, such as the Stay-At-Home orders, prevented a death count of nearly double of what was predicted
- Promoted health equity to protect vulnerable populations such as seniors in long term care living centers, incarcerated individuals, and disadvantaged communities such as African American communities and LatinX communities.
- PA was recognized by Dr. Deborah Birx of the White House Coronavirus Task Force in a response to reporters saying that Pennsylvania would get an A-minus for our efforts, and only because she does not give out solid A's

Medical Marijuana:

Department of Health Approves Final Clinical Registrant for Medical Marijuana Research Program:

<https://www.media.pa.gov/Pages/Health-Details.aspx?newsid=947>

PA expands on its first in the nation research program for medical marijuana with the 8th clinical registrant

Medical Marijuana Exceeds Five Million Dispensing Events, Three Clinical Registrants Operational as Part of Research Program:

<https://www.media.pa.gov/Pages/Health-Details.aspx?newsid=879>

In addition to exceeding 5 million dispensing events, program reached 205,000 active certifications and 356,000 patients and caregivers have registered with the program

Opioids:

Wolf Administration Announces Latest PacMAT Grant Recipients to Help Fight the Opioid Addiction Epidemic:

<https://www.media.pa.gov/Pages/Health-Details.aspx?newsid=921>

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Eleven PA health systems built medication-assisted treatment programs for Pennsylvanians suffering from opioid use disorders who are uninsured, underinsured, or privately insured and built upon the earlier created PacMAT – PA Coordinated Medication Assisted Treatment – program to expand the availability of substance use disorders through of quality MAT prescribing providers.

Department of Health: Preliminary 2019 Overdose Death Data Shows Approximately One Percent Decrease Across State:

<https://www.media.pa.gov/Pages/Health-Details.aspx?newsid=931>

Data shows a decrease of 1% over the course of the year and a decrease of more than 19% since 2017 when the Opioid Command Center was established.

2018 Department of Health Accomplishments:

<https://www.health.pa.gov/topics/Documents/2018%20accomplishments.pdf>

Opioid Epidemic:

- 6,105 naloxone kits distributed during ‘Stop OD in PA Week’
- 20% decrease in opioid prescribing since 3Q 2016
- 11 opioid prescribing guidelines for medical specialties

Wolf Administration Highlights Work to Address Opioid Crisis, Vows Continued Effort in Second Term:

<https://www.media.pa.gov/Pages/Health-Details.aspx?newsid=559>

Naloxone Standing Order:

<https://www.pa.gov/guides/opioid-epidemic/#GetNaloxone>

- Signed Standing Order prescription for First Responders. This standing order allowed state and municipal police and fire departments to secure naloxone. Currently, all members of the Pennsylvania State Police, all members of the Capitol Police and countless municipal agencies carry naloxone.
- Standing Order prescription for General Public. This standing order allowed any Pennsylvania resident to walk into a participating pharmacy and secure naloxone for themselves or their family member/loved one.

Developed core competencies for medical students in cooperation with all ten medical schools in Pennsylvania including a development tool kit to assist in implementation of competencies:

<https://cdn2.sph.harvard.edu/wp-content/uploads/sites/120/2017/08/23102204/Pain-Medicine-2017-Core-Competencies-Ashburn-and-Levine.pdf>

Developed evidence-based specialty specific opioid prescribing guidelines:

<https://www.health.pa.gov/topics/disease/Opioids/Pages/Prescribing-Guidelines.aspx>

- Expanded the focus from the Emergency Department, Chronic non-cancer pain and Dental to now include Obstetrics and Gynecology, Geriatrics, Pharmacy and Treatment of substance use disorder in pregnant patient
- The guidelines have received affirmation by the respective regulatory boards, including the Board of Medicine.

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Developed Continuing Education Modules with PA Medical Society:

<https://www.pamedsoc.org/education-cme/CME-Tracker/TakeCME/addressing-pas-opioid-crisis>

- Designed for medical doctors, doctors of osteopathic medicine, nurse practitioners, nurses, physician assistants, dentists, podiatrists, and pharmacists
- Modules
 - Completed Prescribing guidelines
 - Completed Naloxone
 - Facilitated referral/Warm hand off – in the works
 - ABC-MAP (PDMP)
 - Alternative treatment for pain management

Developed a clinical pathway for opioid overdose treatment use in the emergency department.

Expanded upon the development of Pennsylvania' Prescription Drug Monitoring Program – ABC-MAP. (Serve on the ABC-MAP board and established the Patient Advocacy Program):

- Worked in conjunction with the State Attorney General, Josh Shapiro
- Created education curriculum for prescribers
- Provided for integration with electronic health records and pharmacy management systems
- Created a pathway to share data with 21 other states

Contributed to the national response to the opioid crisis by:

- Meeting with Surgeon General Dr. Murthy
- Meeting with Drug Czar Michael Botticelli
- Meeting with US Assistant Secretary of Health, Admiral Brett Giroir
- Meeting with CDC Director Robert R. Redfield
- Participating in roundtables hosted by National Governors Association

Bureau of Epidemiology:

- Developed a system to improve monitoring of health and hospital acquired infections
- Enhanced states monitoring of potential health effects of fracking
 - Worked on the design and implementation of an expanded health complaint registry to monitor any potential health effect of fracking
- Managed disease investigations
 - Including NTM or Nontuberculin mycobacteria – infections of cardiac surgery patients
 - UPMC Mold infections in transplant patients

Bureau of Laboratories:

- Obtained CLIA certification of the state public health laboratory
- Arranged for review by Global Biohazard Technologies for review of biocontainment at the laboratory prior to the Pope's visits
- Completed laboratory review by Association of Public Health Laboratories for January 2016

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Other:

Chair of PA Rural Health Redesign Center Authority in 2020.

<https://www.health.pa.gov/topics/Health-Innovation/Pages/Rural-Health.aspx>

The Pennsylvania Rural Health Model is an alternative payment model designed to address the financial challenges faced by rural hospitals by transitioning them from fee-for-service to global budget payments.

Wolf Administration Launches Pennsylvania Violence Data Dashboard:

<https://www.media.pa.gov/Pages/Health-Details.aspx?newsid=945>

The Department of Health created a violence data dashboard to collect data on the scope, frequency, geography and populations affected by violence in PA in response to the mandate in the 2019 Executive Order of the Governor.

Governor Honors PA Department of Health:

<https://www.media.pa.gov/Pages/Health-Details.aspx?newsid=1044>

<https://www.media.pa.gov/Pages/Health-Details.aspx?newsid=501>

Governor Wolf highlighted the Prescription Drug Monitoring Program and individuals in Medical Marijuana and the Bureau of Health Promotion and Risk Reduction.

Department of Health Earns National Public Health Accreditation:

<https://www.media.pa.gov/Pages/Health-Details.aspx?newsid=579>

Accreditation highlights the departments continued commitment to protecting and improving the health and safety of Pennsylvanians. PA joins 34 other states in the accreditation as well as satisfying the goal of the CDC for strengthening the nation's public health infrastructure.

2018 Department of Health Accomplishments:

<https://www.health.pa.gov/topics/Documents/2018%20accomplishments.pdf>

- Immunizations:
 - 96.8% of kindergarten students have 2 or more doses of MMR vaccine
 - 94.8% of 7th graders have 1 dose of meningococcal vaccine
 - 1st day of school students must have all immunizations
 - Proposed regulation change to remove 8-month provisional period for school age youth to improve Pennsylvania's immunization rates
 - Executed communications strategy – “Don't Wait, Vaccinate” – that improved immunization rates in one year
- Health Promotion & Risk Reduction
 - 233 Healthy Woman Program provider sites
 - 12,433 Health Woman Program breast & cervical cancer screenings
 - 1,000,000th tobacco retail inspection in the state
- Epidemiology & Community Health
 - 8 Ebola assessment/treatment facilities in the state
 - 54,503 communicable disease investigations
 - 5,451 lead exposure investigations

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Consulted on the development of a \$2 million dollar grant to support research on CBD, a medical cannabis compound

Served on the following Boards:

- Served as Chair, Board of Patient Safety Authority from 2015-2017
- Serve on the State Board of Medicine
 - Convinced board to include preventative medicine physicians for licensure
- Serve on the State Board of Osteopathic Medicine

Participated in the “It’s on US PA” - campaign to prevent campus sexual assault

Chaired Pennsylvania roundtables of college and university presidents, superintendents, administrators, teachers, students, families, and community members to reframe the conversation around sexual violence and pledge to be part of the solution

Advancing the LGBTQ Community under the Wolf Administration:

Pennsylvania Secretary of Health Dr. Rachel Levine Addresses Transphobic Comments towards LGBTQ Community: <https://www.media.pa.gov/Pages/Health-Details.aspx?newsid=935>

Supporting LGBTQ Health and Well-Being:

- Chair of interagency LGBTQ Policy Workgroup to address needs of LGBTQ Pennsylvanians. Includes representation from PA Departments of Health, Human Services, Corrections, Education, PA State Police, Military and Veterans Affairs, Aging and Administration
- Advised Department of Human Services (DHS) and contributed regarding Pennsylvania Medicaid coverage to include coverage of gender confirmation treatment
- The Wolf administration in conjunction with DHS announced that gender reassignment was included as a covered service under the Medical Assistance (MA) Program and CHIP. As a result of the federal Office of Civil Rights final rule, “Nondiscrimination in Health Program and Activities,” DHS ended the categorical coverage exclusion of services related to gender reassignment for the treatment of gender dysphoria
- The Pennsylvania Department of Aging (PDA) leadership team, along with leaders from the Office of Long-Term Living (OLTL) and board members of the Pennsylvania Association of Area Agencies on Aging (P4A), participated in a training session to improve cultural competency inside aging services for LGBTQ older adults. The training was provided by Services and Advocacy for Gay, Lesbian, Bisexual and Transgender Elders (SAGE)
- Through efforts spearheaded by the Department of Military and Veterans affairs, SAGE also provided cultural competency training for the staff of the state’s Veterans Homes. The intent is to have all six of the Veterans Homes in PA achieve platinum level certification through SAGE by the end of June 2018
- The Pennsylvania Insurance Department (PID) issued non-discrimination guidance to health insurers, prohibiting discrimination on basis of sex, sexual orientation and gender identity. Anyone who experiences discrimination with respect to health care coverage (including pharmacy benefits) should contact PID and file a complaint so that we can investigate and address any discriminatory practices that remain in place

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- Updated policy at the Department of Health to allow transgender Pennsylvanians to change the gender on their birth certificate. Policy does not require gender confirmation surgery
- Updated policy at the Department of Health to change the parental designation on the birth certificate from mother/parent and father/parent to simply parent /parent.
- Participate in workgroup at Pennsylvania Medical Society to address access issues for medical care for LGBTQ people
- Chair of Philadelphia FIGHT's AIDS Education Month

Supporting LGBTQ Inmates:

- The PA Department of Corrections (DOC) implemented procedures for gender affirming commissary items to be available universally at both male and female facilities. For instance, transgender females housed in male facilities may purchase cosmetics previously available at female institutions and transgender males may purchase male attire. The Department also issues gender affirming undergarments to both transgender males and transgender females
- The DOC conducts a monthly video conference support group for transgender inmates, creating a bridge for peer support between inmates who often have limited access to transgender peers at their respective locations. The group is facilitated by representatives from TransCentralPA and Alder Health Services and moderated by the DOC

Inclusion in Public Institutions:

- The Department of General Services established guidelines for the design and implementation of universal restrooms and restroom facilities and to ensure that, to the extent feasible, commonwealth buildings include universal single occupancy restroom facilities that are safe, accessible and convenient to all citizens regardless of their gender identity.
- The Division of Vital Records under the Department of Health has now changed the parent markers on birth certificates from "mother/father" to "parent/parent."
- The transgender transition guidelines are part of the Equal Employment Opportunity (EEO) policy. This policy is available and provided to all employees. Any employee who is transitioning works with the executive staff at their institution to develop a transition plan. This plan includes a presentation date, names of those they would like to inform of their transition and how they want this announced, their preferred name and administrative changes (applies to DOC and DHS).

Inclusive Public Lands:

- The Department of Conservation and Natural Resources is developing policies to be more accommodating of LGBTQ visitors to state parks and forests, including facilities, ways of addressing visitors and other policies. DCNR is also surveying park and forest managers to identify barriers for diverse visitors to state parks and forests.

Supporting LGTBQ online:

- In June 2018, DHS added a LGBTQ survey at the conclusion of the Commonwealth of Pennsylvania Application for Social Services (COMPASS) website and included questions

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that would capture gender identity and sexual orientation to serve as an opportunity to enable DHS to better understand its client population.

Supporting Education Initiatives:

- Advise the Department of Education on guidance to local school districts on the implementation of federal title IX guidance on treatment of transgender students, including student athletes.

Penn State Hershey Medical Center

Founded and developed the Division of Adolescent Medicine and Eating Disorders:

- Adolescent Medicine Program for the care of complicated adolescents with medical and mental health problems
- The Eating Disorder Program including the interdisciplinary outpatient and intensive outpatient programs and the child and young adolescent partial hospitalization program and the older adolescent and adult program.

Vice-Chair of Clinical Services for Department of Pediatrics:

- Liaison with the Division of Child Psychiatry working on integrating child and adolescent behavioral health services into the pediatric primary care and specialty clinics and the two department's autism programs.
- Liaison to the Pediatric Emergency Department
- Developed a Pediatric Diversity Committee
- Worked on the Pediatric Department Strategic Plan

Liaison to the LGBT community for the Office of Diversity at the Penn State College of Medicine:

- Facilitator of the LGBT student group
- Founded and led the LGBT faculty and staff affinity group

Teaching:

- Lectured nationally and internationally on topics in adolescent medicine eating disorders and LGBT medicine as well as extensive teaching experience with students and residents on these topics.

Academics:

- Published abstract and articles on topics in pediatrics, adolescent medicine, eating disorders and transgender medicine.

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Work Experience

Public Appointments:

2018 - Present	Secretary of Health Commonwealth of PA
2017 - 2018	Acting Secretary of Health Commonwealth of PA
2015 - 2017	Physician General Commonwealth of PA

Academic Appointments:

2004 - Present	Professor of Pediatrics and Psychiatry The Pennsylvania State University College of Medicine The Milton S. Hershey Medical Center Penn State Children's Hospital Hershey, Pennsylvania
2003 - 2004	Professor of Pediatrics The Pennsylvania State University College of Medicine The Milton S. Hershey Medical Center Penn State Children's Hospital Hershey, Pennsylvania
1996 - 2003	Associate Professor of Pediatrics The Pennsylvania State University College of Medicine The Milton S. Hershey Medical Center Hershey, Pennsylvania
1993 - 1996	Clinical Assistant Professor Department of Pediatrics The Pennsylvania State University College of Medicine The Milton S. Hershey Medical Center Hershey, Pennsylvania
1988 - 1993	Assistant Clinical Professor Department of Pediatrics Mt. Sinai School of Medicine New York, New York

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Professional Experience:

2013 - 2015	Vice-Chair for Clinical Affairs, Department of Pediatrics Penn State Children's Hospital - Hershey Medical Center Hershey, Pennsylvania
2005 - 2015	Chief, Division of Adolescent Medicine and Eating Disorders Penn State Children's Hospital - Hershey Medical Center Hershey, Pennsylvania
2003 - 2015	Director, Eating Disorders Program Penn State Children's Hospital – Hershey Medical Center Hershey, Pennsylvania
1996 - 2015	Director, Adolescent Medicine The Pennsylvania State University The Milton S. Hershey Medical Center Hershey, Pennsylvania
1993 - 1996	Director, Ambulatory Pediatrics and Adolescent Medicine Polyclinic Medical Center Harrisburg, Pennsylvania
1996 - 2004	Medical Director, Pediatric Ambulatory Services The Pennsylvania State University The Milton S. Hershey Medical Center Hershey, Pennsylvania
1988 - 1993	Attending Staff Mount Sinai Medical Center New York, New York
1988 - 1993	Attending Staff Lenox Hill Hospital New York, New York
1988 - 1993	Pediatrics and Adolescent Medicine - Private Practice Edward A. Davies, M.D., P.C.

Hospital Medical Training Experience:

1983 - 1986	Internship and Residency Department of Pediatrics Mount Sinai Medical Center
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1986 - 1987	Chief Resident Department of Pediatrics Mount Sinai Medical Center
1987 - 1988	Adolescent Medicine Fellowship Department of Pediatrics Mount Sinai Medical Center New York, New York

Education

M.D., Tulane University School of Medicine, New Orleans, Louisiana
Scholastic Award: The Greater New Orleans Pediatric Society Award

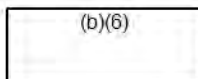
A.B., Magna cum laude in Biology, Harvard College, Cambridge, Massachusetts
Scholastic Awards: Harvard College Scholarship, 1975-1976
John Harvard Scholarship, 1977-1979

Magna cum laude, Belmont Hill School, Boston, Massachusetts

Certifications:

1984	National Board of Medical Examiners, Diplomat
1987	American Board of Pediatrics, Diplomat
1994	American Board of Pediatrics Subspecialty Certification in Adolescent Medicine
2001	Recertification - Adolescent Medicine
2008	Recertification – Adolescent Medicine
2015	Recertification – Adolescent Medicine

Licensure:



New York Medical License- inactive
Pennsylvania Medical License

Professional Societies

ASHTO (Association of State and Territorial Health Officials)
2020 – Present President
2019 – 2020 President elect
AAP (American Academy of Pediatrics)
SAHM (Society for Adolescent Health and Medicine)
AED (Academy for Eating Disorders)
WPATH (World Professional Association for Transgender Health)
PA Medical Society
AMA (American Medical Society)

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Select Speaking Engagements

COVID 19 Vaccine Development, American College of Physicians, Virtual, October 16, 2020
Welcome, American Public Health Association National Meeting, November 3, 2019
Keynote, 8th Annual Symposium, Veritas Collaborative, Atlanta, GA Sept 20-21, 2019
Panelist, Duke Health and Welfare Policy Roundtable, Durham, NC, August 26, 2019
Interface between the LGBTQ Community and Academic Medicine, Alliance for Academic Internal Medicine, Philadelphia, April 15, 2019
LGBTQ Medicine, American College of Physicians, April 13, 2019
Eating disorders in LGBTQ Individuals, Academy for Eating Disorders, March 15, 2019
Transgender Policy Issues, Congressional Update, July 30, 2018
Convocation Speaker, University of Pittsburgh Graduate School of Public Health, April 29, 2018
Commencement Speaker, Edinboro University, Edinboro, PA, May 13, 2017
Transgender Policy Issues, Endocrine Society, April 2, 2017
Breaking down barriers to quality clinical care for the LGBTQ community, Women's Health and Family Planning Association of Texas, Houston, TX, February 18, 2016
Pediatric Grand Rounds, Rhode Island Hospital, Providence, RI, March 25, 2016
Keynote, International Association of Official Human Rights Agencies, Philadelphia, PA, August 8, 2016
Keynote, York Equality Fest, York, PA, August 2, 2015
Keynote, HRC Greater Philadelphia 19th Annual Gala, Philadelphia, PA, March 21, 2015
Keynote, Ichan School of Medicine at Mount Sinai White Coat Ceremony, New York City, NY, September 17, 2015 (<https://youtu.be/hOIP9z9FXmo>)
Keynote, Emerging Clinical Challenges in the Treatment of Children and Adolescents Conference at University Medical Center of Princeton, Plainsboro, NJ, October 29, 2015
Keynote, AMA LGBT Advisory Committee and Allies Caucus, Atlanta, GA, November 13, 2015

Articles/Media

["Pennsylvania Secretary of Health Dr. Rachel Levine Addresses Transphobic Comments towards LGBTQ Community"](#); July 28, 2020

["Meet Rachel Levine, one of the very few transgender public officials in America"](#); Washington Post, June 1, 2016

["Rachel Levine is the calm in the eye of the COVID-19 storm"](#); Pittsburgh Post-Gazette, May 24, 2020

["Meet Dr. Levine, Pennsylvania's top doc"](#); Pittsburgh Post-Gazette, September 13, 2020

["'LGBTQ people are here': Pennsylvania's transgender health secretary on visibility"](#); NBC's Today Show, Sept 8, 2020

["#Pride30: Dr. Rachel Levine Is One of US's Highest-Ranking Trans Officials"](#); NBC News, June 26, 2017

["Meet Rachel Levine, the Health Secretary Leading the Coronavirus Battle in Pennsylvania"](#); Philadelphia News Magazine, City Life, April 14, 2020

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["One-on-one with Secretary of Health Dr. Rachel Levine"](#); Newswatch 16, April 17, 2020

["For some patients, there is a correlation between sexual trauma and disordered eating"](#); The Resource of the National Sexual Violence Resource Center, Spring/Summer 2016 edition

["Meet Rachel Levine, one of the very few transgender public officials in America"](#); Washington Post, June 1, 2016

["Meet Dr. Levine, Pennsylvania's top doc"](#); Pittsburgh Post-Gazette, November 1, 2015

["Dr. Rachel Levine: Advocate"](#); A&U Magazine, June 8, 2016

["A Case for Coordinating Behavioral and Physical Health Care"](#); Pennsylvania Physician Prospective, Fall 2015

Publications

1. **Levine R**, McIntosh T, Lothrop D, Jackson B: Circadian periodicity of plasma corticosterone levels in rats subjected to hemorrhagic shock and surgical trauma. *Hormone Res* 13:385-195, 1980.
2. Dolgin S, **Levine R**, Norton K, Marolda J, Parles J, LeLeiko N: Complete spontaneous disruption of the common bile duct: A late complication of necrotizing enterocolitis? *J Pediatr Gastroenterol Nutr* 12(3):379-382, 1991.
3. **Levine R**: Eating disorders in adolescents: A comprehensive update. *International Pediatrics*, The Journal of Miami Children's Hospital 10(4):327-335, 1995.
4. **Levine R**, Alvear D, Scarcella L, Rudy F: PID or not PID? That is the question: Case studies in adolescent health. *Adolescent Medicine: State of the Art Reviews* 7(3): October 1996.
5. **Levine R**. Endocrine Aspects of Eating Disorders in Adolescents. *Adolescent Medicine: State of the Art Reviews*. Peter Lee MD, Editor. Hanley & Belfus, Inc, Philadelphia, pp 129-143, Vol 13 (1), February 2002.
6. Peters TE, Parvin M, Petersen C, Faircloth VC, **Levine R**. A Case Report of Wernicke's Encephalopathy in a Pediatric Patient with Anorexia Nervosa- Restricting Type. In *Journal of Adolescent Health*. 40:376-383, 2007.
7. Martha Peaslee Levine & **R Levine**, *Psychiatric Medications: Management, Myths and Mistakes- Treatment of Eating Disorders: Bridging the research-practice gap*. 2010
8. Roger K. McFillin, Stacey C. Cahn, Virginia Salzer Burks, Martha Peaslee Levine, Susan Lane Loney & **RL Levine**. *Social Information-Processing and Coping in Adolescent Females Diagnosed With an Eating Disorder: Toward a Greater Understanding of Control*. 2011
9. Fauzia Mahr, Pantea Farahmand, Edward O. Bixler, Ronald E. Domen, Eileen M. Moser, Tania Nadeem, **Rachel L. Levine** and Katherine A. Halmi: A National Survey of Eating Disorder Training. *International Journal of Eating Disorders*. 22 JUL 2014, DOI: 10.1002/eat.22335.
10. Lauren Schmidt, **Rachel Levine**: Psychological Outcomes and Reproductive Issues Among Gender Dysphoric Individuals, *Endocrinology and Metabolism Clinics of North America*.44 (2015) 773-785.
11. Michalowski, Allison E., Sarah N. Boateng, and **Rachel L. Levine, M.D.** "A Primer on Issues in Transgender Medicine." *The Journal of Lancaster General Hospital* 12.3 (2017): 68-72. Print.

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12. Ashburn, Michael A., MD, MPH, and **Rachel L. Levine, MD**. "Pennsylvania State Core Competencies for Education on Opioids and Addiction." *Pain Medicine* 18.10 (1 October 2017): 1890-894. Print.

Chapters:

1. Shanker A, *Bodies and Barriers: Queer Activists on Health*, Forward by **Levine R**. PM Press, Oakland, CA. 2020
2. Ostrov B, **Levine R**: Interaction of puberty with rheumatic disease, contraception and gynecologic issues. In: *Adolescent Rheumatology*, Isenberg DA, Miller JJ (Eds). Martin Dunitz, Ltd., London, pp 301-323, 1999.
3. Henderson CJ, Ostrov BE, **Levine RL**, Lovell DJ: Nutrition and the adolescent with rheumatic disease. In: *Adolescent Rheumatology*, Isenberg DA, Miller JJ (Eds). Martin Dunitz, Ltd., London, pp 325-339, 1999.
4. Paul IM, **Levine RL**. Drug therapy in the adolescent. In: Yaffe SJ, Aranda JV, eds. Neonatal and Pediatric Pharmacology. 4th edition. Philadelphia: Lippincott Williams & Wilkins; In Press 2009
5. Beyond Rescue, Treatment and Prevention: Understanding the Broader Impact of the Opioid Epidemic at the State Level
6. **Levine RL**, Mehler P: Medical Assessment and Management. In: Costin, C: *The Eating Disorder Sourcebook*. McGraw Hill, pp 227-250, 2007.
7. Butler J, Fraser M: A Public Health Guide to Ending the Opioid Epidemic. Part 3, Chapter 24, Developing a Culture of Opioid Stewardship, Michalowski A, Boateng S, Fraser M, **Levine R**. Oxford University Press. 2019

Postscripts:

1. Levine RL. "Postscript" in *Hiding in Plain Sight*. Autumn Christ. Author Home Publishing, 2004.
2. Levine RL. "Postscript" in *Starving Family*. Cheryl Dellasega. Champion Press, 2004.

Abstracts:

1. **Levine R**, Lothrop D, Jackson B: The diurnal rhythm of plasma corticosterone in normal and shocked rats. *Fed Proc* 38(3):1318, 1979. Presented at the 1979 Annual Meeting of the Federal of American Societies for Experimental Biology.
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