Stanford



Eric Ip

Clinical Professor, Medicine - Primary Care and Population Health

Bio

BIO

Dr. Ip is a Clinical Professor in the Department of Medicine, Division of Primary Care. He serves as the Director of Clinical Therapeutics Curriculum and Director of Student and Faculty Scholarship for the Stanford School of Medicine, Master of Science in PA Studies program. Dr. Ip received his Bachelor of Science degree in Exercise Science from UC Davis, his Doctor of Pharmacy (Pharm.D.) degree from UCSF School of Pharmacy, and completed his post-graduate residency at Kaiser Permanente Santa Clara Medical Center. He established and currently co-leads the Diabetes/Cardiovascular Management Program as a clinical pharmacist at Kaiser Permanente Mountain View Medical Offices. Additionally, Dr. Ip serves as the Director of the California Society of Health-System Pharmacists Advanced Practice Pharmacist (APh) Certificate Program. Dr. Ip was former Chair and Professor of Clinical Sciences at Touro University California College of Pharmacy and is one of the leading researchers on anabolic steroids and performance enhancing drugs.

ACADEMIC APPOINTMENTS

- Clinical Professor, Medicine - Primary Care and Population Health

HONORS AND AWARDS

- Rhonda L. Larsen Professionalism and Leadership MSPA Program Award (Inaugural), Stanford University School of Medicine (2025)
- MSPA Award for Excellence in Preclinical Teaching, Stanford University School of Medicine (2023)
- 1st Inaugural Faculty Award for Outstanding Performance in Teaching, Touro University California College of Pharmacy (2022)
- Medscape's Rising Stars of Healthcare Research, Medscape (2017)
- Fellow, California Society of Health-System Pharmacists (2014)
- Clinical Preceptor of the Year, Touro University California College of Pharmacy (2010)
- Professor of the Year, Touro University California College of Pharmacy (2008, 2010-2013, 2016-2017, 2022)
- Teacher of the Year, American Association of Colleges of Pharmacy (2008, 2010)
- Bowl of Hygeia Recipient, UCSF School of Pharmacy (2006)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Editorial Board, Exploratory Research in Clinical and Social Pharmacy (2021 - present)
- Editorial Board, Research in Social & Administrative Pharmacy (2016 - 2020)

PROFESSIONAL EDUCATION

- Pharm.D., University of California, San Francisco School of Pharmacy , Doctor of Pharmacy (2006)
- B.S., University of California, Davis , Exercise Science (2002)

- PGY-1 Residency, Kaiser Permanente Santa Clara Medical Center , Pharmacy Practice (2007)
- BCPS, Board of Pharmacy Specialties , Board Certified Pharmacotherapy Specialist (2007)
- CSCS, National Strength and Conditioning Association , Certified Strength and Conditioning Specialist (2006)
- CDCES, National Certification Board for Diabetes Educators , Certified Diabetes Care and Education Specialist (2009)
- APh, California Board of Pharmacy , Advanced Practice Pharmacist (2017)

COMMUNITY AND INTERNATIONAL WORK

- Head Coach/Assistant Coach, Belmont-Redwood Shore American Youth Soccer Organization (AYSO)
- Head Coach, M&M Youth Basketball
- Assistant Coach, Belmont-Redwood Shores Little League
- Assistant Coach, Belmont Blasters Baseball

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

My research interests include the use and abuse of anabolic steroids and other performance enhancing/cognitive enhancing drugs.

Teaching

COURSES

2026-27

- Clinical Pharmacology and Therapeutics I: PAS 242 (Win)
- Clinical Pharmacology and Therapeutics II: PAS 243 (Spr)
- Clinical Therapeutics III: PAS 224 (Aut)
- Clinical Therapeutics IV: PAS 225 (Win)
- Foundations of Clinical Pharmacology: PAS 203 (Aut)
- Introduction to Quantitative Research I: PAS 257 (Win)
- Quantitative Research II: PAS 258 (Aut)

2025-26

- Clinical Therapeutics I: PAS 222 (Win)
- Clinical Therapeutics II: PAS 223 (Spr)
- Clinical Therapeutics III: PAS 224 (Aut)
- Clinical Therapeutics IV: PAS 225 (Win)
- Introduction to Quantitative Research I: PAS 257 (Win)
- Quantitative Research II: PAS 258 (Aut)

2024-25

- Clinical Therapeutics I: PAS 222 (Win)
- Clinical Therapeutics II: PAS 223 (Spr)
- Clinical Therapeutics III: PAS 224 (Aut)
- Clinical Therapeutics IV: PAS 225 (Win)
- Quantitative Research II: PAS 258 (Win)

2023-24

- Clinical Therapeutics I: PAS 222 (Win)
- Clinical Therapeutics II: PAS 223 (Spr)
- Clinical Therapeutics III: PAS 224 (Aut)
- Clinical Therapeutics IV: PAS 225 (Win)

Publications

PUBLICATIONS

- **Concerns About Bias in the Physician Associate Admissions Process: A Prephysician Associate Perspective.** *The journal of physician assistant education : the official journal of the Physician Assistant Education Association*
  Ngo, D. T., Barnett, M. J., Ip, E. J.
  2026

- **Unseen Influences in Physician Assistant Education: Exploring Latent Factors in Supervised Clinical Practice Experiences.** *The journal of physician assistant education : the official journal of the Physician Assistant Education Association*
  Wright, H. R., Demeter, J., Barnett, M., Ip, E., Bogenschutz, K., Sulewski, M., Dvoiris, E., Jameson, S.
  2026

- **Using the End of Curriculum Exam to Evaluate Student Readiness: Balancing the Need for Remediation Against Real-World Consequences.** *The journal of physician assistant education : the official journal of the Physician Assistant Education Association*
  Downey, R. A., Barnett, M. J., Ip, E. J., Dvoiris, E., Liu, X., Jameson, S. M.
  2026

- **Exploring Current Trends and Barriers in Integrating Substance Use Disorder Education Into the Physician Assistant/Associate Curriculum.** *The journal of physician assistant education : the official journal of the Physician Assistant Education Association*
  Sanchez, L. C., Barnett, M. J., Ip, E. J.
  2025

- **Trends in naloxone co-prescriptions.** *Drug and alcohol dependence*
  Dumbuya, J., Barnett, M. J., Ip, E. J.
  2024; 267: 112528

- **Changes in perceived stress and food or housing insecurity associated with COVID-19 in doctor of pharmacy students: A pre- and current-COVID-19 survey.** *Exploratory research in clinical and social pharmacy*
  Khosraviani, V., Ip, E. J., Li, S. A., Khosraviani, A., Cariaga, J., Caballero, J., Lor, K., Acree, L., Echibe, C., Barnett, M. J.
  2024; 13: 100391

- **Diabulimia: A Risky Trend among Adult Patients with Type 1 Diabetes Mellitus.** *Endocrine practice : official journal of the American College of Endocrinology and the American Association of Clinical Endocrinologists*
  Ip, E. J., Doroudgar, S., Salehi, A., Salehi, F., Najmi, M.
  2023

- **Barber Motivation for Conducting Mental Health Screening and Receiving Mental Health Education in Barbershops That Primarily Serve African Americans: a Cross-sectional Study.** *Journal of racial and ethnic health disparities*
  Jalloh, M., Stompanato, J., Nguyen, J. Q., Barnett, M. J., Ip, E. J., Doroudgar, S.
  2022

- **Pharmacy-faculty work-life balance and career satisfaction: Comparison of national survey results from 2012 and 2018.** *Exploratory research in clinical and social pharmacy*
  Barnett, M. J., Lindfelt, T., Doroudgar, S., Chan, E., Ip, E. J.
  2022; 5: 100112

- **Performance on advanced pharmacy practice experiences after implementation of mock acute care patient simulations.** *Currents in pharmacy teaching & learning*
  Baumgartner, L., Israel, H., Wong, T., Sasaki-Hill, D., Ip, E. J., Barnett, M. J.
  1800; 13 (12): 1572-1577

- **The video gamer 500: Performance-enhancing drug use and Internet Gaming Disorder among adult video gamers** *COMPUTERS IN HUMAN BEHAVIOR*
  Ip, E. J., Urbano, E. T., Caballero, J., Lau, W., Clauson, K. A., Torn, R. A., Palisoc, A. L., Barnett, M. J.
  2021; 123

- **Coping, resilience, and emotional well-being in pharmacy students during the COVID-19 pandemic.** *The mental health clinician*
  Fuentes, A. V., Jacobs, R. J., Ip, E., Owens, R. E., Caballero, J.
  2021; 11 (5): 274-278

- **Multiple comparisons: To compare or not to compare, that is the question.** *Research in social & administrative pharmacy : RSAP*
  Barnett, M. J., Doroudgar, S., Khosraviani, V., Ip, E. J.
  2021

- **A narrative review of using prescription drug databases for comorbidity adjustment: A less effective remedy or a prescription for improved model fit?** *Research in social & administrative pharmacy : RSAP*
  Barnett, M. J., Khosraviani, V., Doroudgar, S., Ip, E. J.
  2021

- **Glyburide Use in Older Adults: Pharmacy Claims Data Analysis of a Regional Healthcare Organization.** *Journal of the American Geriatrics Society*
  Herzik, K. A., Barnett, M. J., Thanh, D. M., Doroudgar, S., Ip, E. J.
  2020

- **Differences in Career Satisfaction, Work-life Balance, and Stress by Gender in a National Survey of Pharmacy Faculty** *JOURNAL OF PHARMACY PRACTICE*
  Ip, E. J., Lindfelt, T. A., Tran, A. L., Do, A. P., Barnett, M. J.
  2020; 33 (4): 415–19

- **Men's Health-Related Magazines: A Retrospective Study of What They Recommend and the Evidence Addressing Their Recommendations.** *American journal of men's health*
  Jalloh, M. A., Barnett, M. J., Ip, E. J.
  2020; 14 (3): 1557988320936900

- **Interprofessional Education on Medication Adherence: Peer-to-Peer Teaching of Osteopathic Medical Students** *JOURNAL OF THE AMERICAN OSTEOPATHIC ASSOCIATION*
  Chan, E., Doroudgar, S., Huang, J., Ip, E. J.
  2020; 120 (4): 218–27

- **Community pharmacists' lack of knowledge and confidence in non-prescription cannabidiol products.** *Research in social & administrative pharmacy : RSAP*
  Patel, S. n., Doroudgar, S. n., Ip, E. J.
  2020

- **Is competitive body-building pathological? Survey of 984 male strength trainers.** *BMJ open sport & exercise medicine*
  Steele, I., Pope, H., Ip, E. J., Barnett, M. J., Kanayama, G.
  2020; 6 (1): e000708

- **Anabolic steroid users' misuse of non-traditional prescription drugs.** *Research in social & administrative pharmacy : RSAP*
  Ip, E. J., Doroudgar, S., Lau, B., Barnett, M. J.
  2019; 15 (8): 949–52

- **The CASTRO study: Unsafe sexual behaviors and illicit drug use among gay and bisexual men who use anabolic steroids.** *The American journal on addictions*
  Ip, E. J., Doroudgar, S., Shah-Manek, B., Barnett, M. J., Tenerowicz, M. J., Ortanez, M., Pope, H. G.
  2019

- **Implementation of Mock Acute Care Advance Pharmacy Practice Experience Simulations and an Assessment Rubric** *AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION*
  Baumgartner, L., Ip, E. J., Sasaki-Hill, D., Wong, T., Israel, H., Barnett, M. J.
  2019; 83 (9): 1851–56

- **Differences in Career Satisfaction, Work-life Balance, and Stress by Gender in a National Survey of Pharmacy Faculty.** *Journal of pharmacy practice*
  Ip, E. J., Lindfelt, T. A., Tran, A. L., Do, A. P., Barnett, M. J.
  2018: 897190018815042

- **Transitions of Care Pilot Programs-We Have Your Missing Positive Results** *JOURNAL OF PHARMACY PRACTICE*
  Thanh, D. N., Bradford, C., Ip, E. J., Kwong, M., Chang, L., Sui, L., Young, G., Barnett, M. J.
  2018; 31 (3): 258–59

- **Use of condensed videos in a flipped classroom for pharmaceutical calculations: Student perceptions and academic performance** *CURRENTS IN PHARMACY TEACHING AND LEARNING*
  Gloudeman, M. W., Shah-Manek, B., Wong, T. H., Vo, C., Ip, E. J.
  2018; 10 (2): 206–10

- **What is the impact of the 2017 cochrane systematic review and meta-analysis that evaluated the use of PCSK9 inhibitors for lowering cardiovascular disease and mortality?** *EXPERT OPINION ON PHARMACOTHERAPY*
  Jalloh, M. A., Ip, E. J., Doroudgar, S.
  2018; 19 (7): 739–41

- **Gender-Based Differences Among Pharmacy Students Involved in Academically Dishonest Behavior** *AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION*
  Ip, E. J., Pal, J., Doroudgar, S., Bidwal, M. K., Shah-Manek, B.
  2018; 82 (4): 6274

- **An Analysis of California Pharmacy and Medical Students' Dietary and Lifestyle Practices.** *American journal of pharmaceutical education*
  Bergeron, N., Al-Saiegh, S., Ip, E. J.
  2017; 81 (8): 5956

- **Evaluation of asthma medication adherence rates and strategies to improve adherence in the underserved population at a Federally Qualified Health Center.** *Research in social & administrative pharmacy*
  Bidwal, M., Lor, K., Yu, J., Ip, E.
  2017; 13 (4): 759-766

- **Evaluation of asthma medication adherence rates and strategies to improve adherence in the underserved population at a Federally Qualified Health Center** *RESEARCH IN SOCIAL & ADMINISTRATIVE PHARMACY*
  Bidwal, M., Lor, K., Yu, J., Ip, E.
  2017; 13 (4): 759-766

- **Relationship Between Grit with Academic Performance and Attainment of Postgraduate Training in Pharmacy Students.** *American journal of pharmaceutical education*
  Palisoc, A. J., Matsumoto, R. R., Ho, J., Perry, P. J., Tang, T. T., Ip, E. J.
  2017; 81 (4): 67

- **The impact of work-life balance on intention to stay in academia: Results from a national survey of pharmacy faculty.** *Research in social & administrative pharmacy*
  Lindfelt, T., Ip, E. J., Gomez, A., Barnett, M. J.
  2017

- **Polypharmacy, Infectious Diseases, Sexual Behavior, and Psychophysical Health Among Anabolic Steroid-Using Homosexual and Heterosexual Gym Patrons in San Francisco's Castro District** *SUBSTANCE USE & MISUSE*
  Ip, E. J., Yadao, M. A., Shah, B. M., Doroudgar, S., Perry, P. J., Tenerowicz, M. J., Newsom, L., Mann, A. A., Mkrtchyan, H., Pope, H. G.
  2017; 52 (7): 959-968

- **Relationship Between Grit with Academic Performance and Attainment of Postgraduate Training in Pharmacy Students** *AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION*
  Palisoc, A. L., Matsumoto, R. R., Ho, J., Perry, P. J., Tang, T. T., Ip, E. J.
  2017; 81 (4): 67

- **Frequency and Perceptions of Herbal Medicine use Among Hmong Americans: a Cross Sectional Survey** *JOURNAL OF IMMIGRANT AND MINORITY HEALTH*
  Lor, K. B., Moua, S., Ip, E. J.

2016; 18 (2): 397-401

- **Frequency and Perceptions of Herbal Medicine use Among Hmong Americans: a Cross Sectional Survey** *JOURNAL OF IMMIGRANT AND MINORITY HEALTH*
  Lor, K. B., Moua, S., Ip, E. J.
  2016; 18 (2): 397-401
- **Infectious disease, injection practices, and risky sexual behavior among anabolic steroid users** *AIDS CARE-PSYCHOLOGICAL AND SOCIO-MEDICAL ASPECTS OF AIDS/HIV*
  Ip, E. J., Yadao, M. A., Shah, B. M., Lau, B.
  2016; 28 (3): 294-299
- **Infectious disease, injection practices, and risky sexual behavior among anabolic steroid users** *AIDS CARE-PSYCHOLOGICAL AND SOCIO-MEDICAL ASPECTS OF AIDS/HIV*
  Ip, E. J., Yadao, M. A., Shah, B. M., Lau, B.
  2016; 28 (3): 294-299
- **Motivations and Predictors of Cheating in Pharmacy School** *AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION*
  Ip, E. J., Nguyen, K., Shah, B. M., Doroudgar, S., Bidwal, M. K.
  2016; 80 (8)
- **Motivations and Predictors of Cheating in Pharmacy School** *AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION*
  Ip, E. J., Nguyen, K., Shah, B. M., Doroudgar, S., Bidwal, M. K.
  2016; 80 (8): 133
- **Stress, Drugs, and Alcohol Use Among Health Care Professional Students: A Focus on Prescription Stimulants.** *Journal of pharmacy practice*
  Bidwal, M. K., Ip, E. J., Shah, B. M., Serino, M. J.
  2015; 28 (6): 535-542
- **Impact of Educational Levels and Health Literacy on Community Acetaminophen Knowledge.** *Journal of pharmacy practice*
  Ip, E. J., Tang, T. T., Cheng, V., Yu, J., Cheongsiatmoy, D. S.
  2015; 28 (6): 499-503
- **Characteristics and Behaviors of Older Male Anabolic Steroid Users.** *Journal of pharmacy practice*
  Ip, E. J., Trinh, K., Tenerowicz, M. J., Pal, J., Lindfelt, T. A., Perry, P. J.
  2015; 28 (5): 450-456
- **Survey of career satisfaction, lifestyle, and stress levels among pharmacy school faculty** *AMERICAN JOURNAL OF HEALTH-SYSTEM PHARMACY*
  Lindfelt, T. A., Ip, E. J., Barnett, M. J.
  2015; 72 (18): 1573-1578
- **The Effects of Dextromethorphan on Driving Performance and the Standardized Field Sobriety Test** *JOURNAL OF FORENSIC SCIENCES*
  Perry, P. J., Fredriksen, K., Chew, S., Ip, E. J., Lopes, I., Doroudgar, S., Thomas, K.
  2015; 60 (5): 1258-1262
- **Association of ABC (HbA1c, blood pressure, LDL-cholesterol) goal attainment with depression and health-related quality of life among adults with type 2 diabetes** *JOURNAL OF DIABETES AND ITS COMPLICATIONS*
  Shah, B. M., Mezzio, D. J., Ho, J., Ip, E. J.
  2015; 29 (6): 794-800
- **Factors impacting self-perceived readiness for residency training: results of a national survey of postgraduate year 1 residents.** *Journal of pharmacy practice*
  Truong, J. T., Barnett, M. J., Tang, T. T., Ip, E. J., Teeters, J. L., Knapp, K. K.
  2015; 28 (1): 112-118
- **A Randomized Prospective Study on Outcomes of an Empathy Intervention among Second-year Student Pharmacists** *AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION*
  Lor, K. B., Truong, J. T., Ip, E. J., Barnett, M. J.
  2015; 79 (2)

- **Implementation of an Accelerated Physical Examination Course in a Doctor of Pharmacy Program** *AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION*
  Ho, J., Bidwal, M. K., Lopes, I. C., Shah, B. M., Ip, E. J.
  2014; 78 (10)
- **Pharmacy Students' Performance and Perceptions in a Flipped Teaching Pilot on Cardiac Arrhythmias** *AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION*
  Wong, T. H., Ip, E. J., Lopes, I., Rajagopalan, V.
  2014; 78 (10)
- **Enhancing diabetes care by adding a pharmacist to the primary care team** *AMERICAN JOURNAL OF HEALTH-SYSTEM PHARMACY*
  Ip, E. J., Shah, B. M., Yu, J., Chan, J., Nguyen, L. T., Bhatt, D. C.
  2013; 70 (10): 877-886
- **The Effect of Trazodone on Standardized Field Sobriety Tests** *PHARMACOTHERAPY*
  Ip, E. J., Bui, Q. V., Barnett, M. J., Kazani, A., Wright, R., Serino, M. J., Perry, P. J.
  2013; 33 (4): 369-374
- **A Markov Model of the Cost-Effectiveness of Pharmacist Care for Diabetes in Prevention of Cardiovascular Diseases: Evidence from Kaiser Permanente Northern California** *JOURNAL OF MANAGED CARE PHARMACY*
  Yu, J., Shah, B. M., Ip, E. J., Chan, J.
  2013; 19 (2): 102-114
- **Psychological and Physical Impact of Anabolic-Androgenic Steroid Dependence** *PHARMACOTHERAPY*
  Ip, E. J., Lu, D. H., Barnett, M. J., Tenerowicz, M. J., Vo, J. C., Perry, P. J.
  2012; 32 (10): 910-919
- **Weightlifting's Risky New Trend: A Case Series of 41 Insulin Users** *CURRENT SPORTS MEDICINE REPORTS*
  Ip, E. J., Barnett, M. J., Tenerowicz, M. J., Perry, P. J.
  2012; 11 (4): 176-179
- **A Mnemonic for Pharmacy Students to Use in Pharmacotherapy Assessment** *AMERICAN JOURNAL OF PHARMACEUTICAL EDUCATION*
  Bruno, C. B., Ip, E., Shah, B., Linn, W. D.
  2012; 76 (1)
- **The Anabolic 500 Survey: Characteristics of Male Users versus Nonusers of Anabolic-Androgenic Steroids for Strength Training** *PHARMACOTHERAPY*
  Ip, E. J., Barnett, M. J., Tenerowicz, M. J., Perry, P. J.
  2011; 31 (8): 757-766
- **Women and Anabolic Steroids: An Analysis of a Dozen Users** *CLINICAL JOURNAL OF SPORT MEDICINE*
  Ip, E. J., Barnett, M. J., Tenerowicz, M. J., Kim, J. A., Wei, H., Perry, P. J.
  2010; 20 (6): 475-481
- **The Touro 12-Step: A Systematic Guide to Optimizing Survey Research with Online Discussion Boards** *JOURNAL OF MEDICAL INTERNET RESEARCH*
  Ip, E. J., Barnett, M. J., Tenerowicz, M. J., Perry, P. J.
  2010; 12 (2)
- **Low-dose filgrastim in patients with breast cancer treated with docetaxel, doxorubicin, and cyclophosphamide** *AMERICAN JOURNAL OF HEALTH-SYSTEM PHARMACY*
  Ip, E. J., Lee-Ma, A., Troxell, L. S., Chan, J.
  2008; 65 (16): 1552-1555