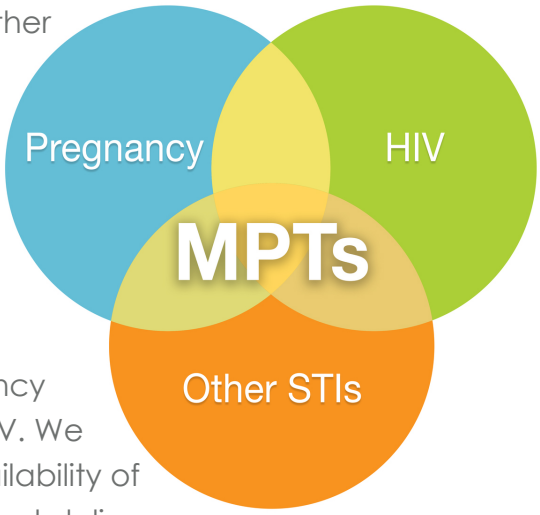
Annual Report 2016

The Initiative for Multipurpose Prevention Technologies (MPTs)

Innovative prevention for women's health – the promise of MPTs

IMPT *for* Reproductive Health

Multipurpose Prevention Technologies (MPTs) are an innovative class of products that deliver varied combinations of HIV prevention, other STI prevention, and contraception.



The IMPT advances the development of MPTs to address the interlinked risks of unintended pregnancy and STIs including HIV. We believe that the availability of desirable methods that deliver an array of prevention combinations will improve the lives of women and their families worldwide.

Letter from the Director

Greetings,

As a budding public health researcher over 25 years ago, I had the privilege of living and working with young women and girls in Sub-Saharan Africa, many of whom were forced to leave school due to marriage and pregnancies at an early age, often as young as 13 years old. I saw firsthand how these young women were unable to protect themselves from unintended pregnancies or diseases like HIV. When I returned to the U.S., I saw similar situations among American women.

These experiences sparked my passion for the work I still do today: advocating for new, more comprehensive prevention methods that meet the diverse realities of women throughout their lives. Multipurpose Prevention Technologies (MPTs) promise to put the power of simultaneous prevention in the hands of women and girls, empowering them to achieve their full potential. At the Initiative for MPTs (IMPT), we feel passionately that when women are healthy, they are better able to pursue their educational, economic, and personal aspirations.

2016 was an exciting year for the MPT field, with several products looking promising in the product development pipeline. On the policy and advocacy side, MPTs were included in the World Health Organization's Global Health Sector Strategy on Sexually Transmitted Infections, 2016-2021. At the IMPT Secretariat, we had a busy year presenting at conferences, meeting with new potential partners, and completing projects that address the complex technological and social-behavioral challenges related to successful MPT development and introduction. We concluded the year with a series of technical consultations around some of the most urgent questions in the MPT field, which underscored the fact that while there are a myriad of challenges associated with developing MPTs, MPTs provide a critical opportunity to leverage younger women's need for and willingness to use contraception to increase uptake of HIV prevention.

The IMPT Secretariat is well-positioned to shape the path toward impactful MPT products that meet the needs and preferences of the women and adolescent girls who need them most. Together with you, our many partners and supporters, we can ensure a healthier future for women and their families worldwide.

All the best,

Bethany Young Holt
Executive Director

Our Accomplishments

IMPT Technical Convenings: Facilitating Critical Conversations and Brokering Partnerships

The IMPT plays a critical role in advancing the MPT field by serving as a forum for multidisciplinary collaborations around critical scientific issues and challenges. In autumn 2016, the IMPT hosted a series of technical consultations that focused on shaping the path forward for MPTs.

The first consultation focused on critical questions surrounding hormonal contraception (HC) in MPTs. This convening brought together experts from the family planning and HIV prevention research fields to outline potential strategies in addressing the challenges associated with combining HC with antiretroviral drugs in MPTs and ensuring maximum impact of contraceptive MPT products. The group discussed issues such as drug-drug interactions between HCs and ARVs, selecting the ideal active pharmaceutical ingredient and dose, and end-user considerations and contexts.

Next, the IMPT hosted a two-day, in-person Clinical Trial Evaluation Workshop for MPTs, which brought together a variety of MPT stakeholders to inform a strategy for the successful clinical evaluation of MPTs.

During the convening, participants discussed approaches to mitigating MPT clinical trial challenges and risks and identified critical market issues that can be addressed through clinical evaluations of MPTs or through the study of intended target populations.

Overall, these consultations will play a critical role in shaping the IMPT's strategic vision. They highlighted the urgency of getting MPTs successfully through clinical trials in an evolving and resource-limited sexual and reproductive health (SRH) prevention landscape, and underscored that MPTs hold great potential to improve the lives of women and their families worldwide.

IMPT Kenya Task Force: Laying the Groundwork for MPT Introduction

The IMPT Secretariat works closely with MPT champions across the globe to raise awareness of MPTs among key stakeholders and amplify the voices of the women and girls who need MPTs the most. While these groups have traditionally been led by volunteers, in 2016, former KEMRI AVAC Fellow, Everlyne Ombati, took a part time role as the Kenya Task Force Coordinator. Through her efforts, the work of the Kenya Task Force has gained momentum.

In partnership with local organization Ungano Tena, the Kenya Task force held five workshops with over 140 young women from low resource settings. These workshops included education around interlinked SRH risks, an overview of the MPT concept, and interactive discussions focused on preferences and needs for MPTs. Young women involved in the workshops provided feedback on issues such as acceptability, access, and affordability, and the groups also discussed myths and misconceptions around SRH prevention that may affect the uptake of MPTs.

The IMPT continues to expand its task force work into new countries with urgent need for MPTs. The work of these groups underscores the critical need to engage end-users into the product development process to ensure that MPT products meet the diverse cultural contexts, needs, and preferences of women around the world.

Photo credit: Everlyne Ombati

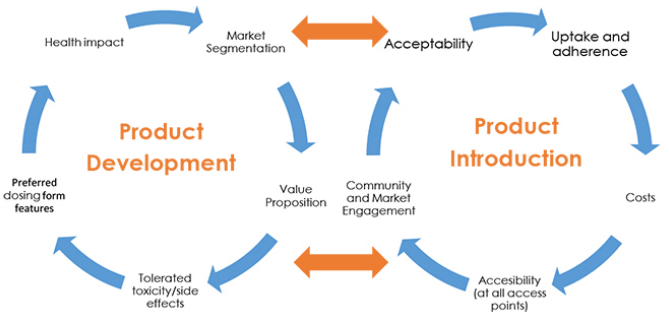
The IMPT believes that an array of prevention options is needed to fit the diverse needs and circumstances of women and adolescent girls around the world. The engagement of women and girls in the MPT design, development, and introduction process will help ensure that products maximize impact. To that end, the IMPT Secretariat advances a series of Market Access Coordination activities, which aim to guide MPT product development and investment decisions to prioritize end-user perspectives and contexts.

Building off the IMPT's previously developed Market Access Framework, which outlines optimal market-based activities along the product development timeline, the IMPT Secretariat took initial steps in developing a Strategic Evaluation Framework (SEF) for MPTs during 2016. The SEF is an evaluation tool that elevates market-based targets for products alongside clinical targets, ensuring that MPT products are aligned with the needs, preferences, and daily lives of the women and adolescent girls who need MPTs most.

In 2016, the IMPT Secretariat outlined the first iteration of this framework in a report entitled "Laying the Groundwork for a Strategic Evaluation Framework (SEF) for HIV Prevention and MPT Product Development." The report outlines the methodology and results of this project, and describes the target MPT market, outlines end-user contexts and perspectives in this market, and identifies market-based characteristics for which optimal and minimal targets may be set.

The IMPT continues to build upon the findings of this activity, with the goal of developing a full SEF over the coming years.

Strategic Target Profile (STP) Implementation Context



Spreading the Word about MPTs: Conferences and Convenings

Each year, the IMPT Secretariat presents at a diverse set of conferences and convenings in order to raise awareness around MPTs, engage new stakeholders in the IMPT, expand multisectoral support and investment in the field, and share the latest field-wide scientific advancements. Highlights from 2016 include:

- A panel session at the International Conference on Family Planning in Nusa Dua, Indonesia, on current thinking in the HC in MPTs work stream.
- A presentation at the UN High Level Meeting on Ending AIDS at the UN Headquarters in New York. In addition, the IMPT was profiled at the event's Innovations Marketplace.
- An outreach booth at the International AIDS Society Conference (AIDS 2016) in Durban, South Africa. Over 1,000 MPT-relevant resources were distributed to conference participants, and over 140 individuals joined the IMPT mailing list. Additionally, over 40 individuals participated in the IMPT's "With an MPT I Can" social media campaign.
- A panel session at the 2016 RHSC General Membership Meeting in Seattle, which aimed to engage family planning experts in outlining impactful approaches to MPT product development.
- A satellite session at the HIV Research for Prevention (HIV R4P) conference in Chicago, which aimed to examine the value and impact of potential MPTs, assess key MPT market drivers and data needs, and identify relevant technical considerations that are responsive to MPT market drivers. In addition, the three IMPT posters were accepted to the conference.

IMPT Highlights

In 2016, the IMPT continued to broker partnerships and conversations among an international, multidisciplinary collaboration of experts to advance the MPT field through convenings, technical consultations, research, and advocacy. Highlights from this year include:

The IMPT Secretariat gave **over a dozen presentations** on MPTs to organizations throughout Europe in order to engage new stakeholders in the MPT field.

The IMPT Secretariat organized and hosted **7 technical and strategy convenings**, including:

- **U.S. Government IMPT Supporting Agency Collaboration Committee (SACC) Discussion on MPTs**
  Bethesda, MD
- **Biomedical Technologies to Catalyze STI and HIV Prevention for Young Women**
  Vancouver, BC, Canada
- **Technical Meeting on Hormonal Contraception (HC) in MPTs**
  Washington, D.C.
- **Clinical Trial Evaluation Workshop for MPTs**
  Washington, D.C.
- **IMPT Steering Committee Meeting**
  Chicago, IL
- **U.S. Government IMPT Supporting Agency Collaboration Committee (SACC) Meeting** – Virtual
- **IMPT Strategy Meeting**
  Folsom, CA

The IMPT Secretariat hosted 4 live webinars addressing key issues for the MPT field, including:

- **Network of Experts Update Webinars** in February, May, and October
- A technical webinar on **Multipurpose Prevention Technologies (MPTs): a promising response to current challenges around hormonal contraceptive methods & HIV** in March.

Media pieces authored by IMPT Director Dr. Bethany Young Holt were featured in ***The New York Times*** and ***STAT News***.

The **MPT Online Resource Center** has grown to include over **275 articles from academic journals**, **200 articles from the media**, **70 technical reports**, **35 press releases**, as well as **on-demand webinars** and other resources relevant to women's sexual and reproductive health. In 2016, the Resource Center received over **800 unique website hits**.

The IMPT Secretariat disseminated MPT relevant information to followers on Facebook, Twitter, and stakeholders via the IMPT listserv.

The IMPT Secretariat attended, gave oral presentations, hosted sessions, and/or prepared posters for 15 conferences and events this year, including:

- **California Women's Policy Summit** – Sacramento, CA
- **3ei/Hewlett Foundation Workshop on Adolescent Reproductive Health** – Palo Alto, CA
- **International Conference on Family Planning** – Nusa Dua, Indonesia
- **Microbicides Trials Network (MTN) Annual Meeting** – Rockville, MD
- **Youth-Tech-Health Live Conference** – San Francisco, CA
- **UN High Level Meeting on Ending AIDS** – New York, NY
- **WomenNow!** – Durban, South Africa
- **International AIDS Society Conference (AIDS 2016)** – Durban, South Africa
- **National Reproductive Health Conference** – Chicago, IL
- **CDC STD Prevention Conference** – Atlanta, GA
- **Stanford Social Innovation Review** – Palo Alto, CA
- **Reproductive Health Supplies Coalition (RHSC) General Membership Meeting** – Seattle, WA
- **HIV Research for Prevention (HIV R4P)** – Chicago, IL
- **American Public Health Association Annual Meeting** – Denver, CO
- **Australasian Sexual Health Conference** – Adelaide, Australia

As part of a larger effort to inform, support, and enable MPT product development and introduction strategies globally, the IMPT continued to develop tools to help our partners integrate MPTs into their work. Resources developed in 2016 include:

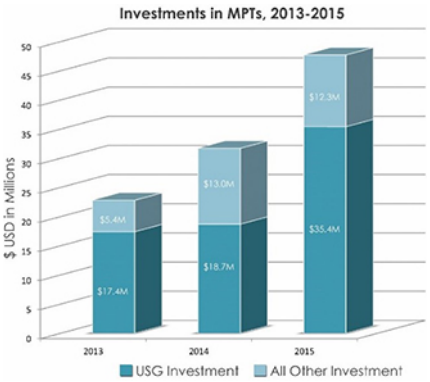
- **An updated MPT Pipeline Table by Indication Combination**
- **An updated MPT Product Development Database**
- **Report on Laying the Groundwork for a Strategic Evaluation Framework (SEF) for HIV Prevention and MPT Product Development**
- **Summary of the Technical Meeting on Hormonal Contraception (HC) in MPTs**
- **Summary of the Clinical Trial Evaluation Workshop for MPTs**
- **MPT Investment Tracking Summary**
- **Market Access Framework**

MPT Product Pipeline

The IMPT Secretariat tracks MPT products in development and maintains an online searchable MPT Product Development Database with neutral and detailed information on the MPT product pipeline. The aim of this database is to inform, support, and enable MPT product development and introduction strategies as needed globally. The product pipeline continues to evolve, with nearly a dozen MPTs in clinical trials and many other technologies in earlier stages of development. Some of the innovative product types currently in the pipeline include longer acting vaginal rings, fast dissolving films and inserts, and effective gels.

Investments in the MPT Field

The IMPT Secretariat monitors investment in MPTs on an annual basis, in order to help inform investment priorities and gaps for the field. In 2015, investment rose to 47.7 million U.S. dollars. More than half of this investment comes from the U.S. public sector (74% in 2015), most notably from the National Institutes of Health and the U.S. Agency for International Development. Additional investment in the MPT field comes from U.S.-based private foundations and other investors, as well as agencies in Sub-Saharan Africa (SSA), Europe, India, and Australia.



A Call to Action

Given the potential life-saving impact of MPTs and the dynamic status of the field, the **IMPT needs your support** now more than ever. You can help shape the path forward for MPTs by:

- **SHARING** the IMPT's fact sheets, meeting reports, technical tools, and outreach materials with your networks. Visit the **IMPT Resource Center** to learn more.
- **COLLABORATING** with other sexual and reproductive health stakeholders as part of the **IMPT Network of Experts**.
- **CONTRIBUTING** financial support to the IMPT, thereby accelerating MPT education, advocacy, and research. Visit **www.theIMPT.org/support** to make a donation today.

This report was prepared by Beverley Newman (IMPT) in collaboration with the IMPT Secretariat team. The Initiative for Multipurpose Prevention Technologies (IMPT) is a project of CAMI Health, an organization dedicated to women's reproductive health and empowerment. CAMI Health is housed at the Public Health Institute (PHI). Support for this work was made possible by the generous support of the American people through the United States Agency for International Development (USAID) under the terms of the Cooperative Agreement #AID-OAA-A-16-00045. Support was also provided by the Mary Wohlford Foundation. The contents are the responsibility of the IMPT, CAMI Health, and PHI and do not necessarily reflect the views of USAID or the U.S. Government.

Suggested Citation:
CAMI Health/IMPT Secretariat. (2017). The Initiative For Multipurpose Prevention Technologies (IMPT) 2016 Annual Report. Folsom, CA.

For more information vist www.theIMPT.org

CAMI Health/IMPT Secretariat
308 Natoma Street, Suite 150 • Folsom, CA 95630, USA
+1 916.932.4785 • www.theIMPT.org • www.MPTs101.org