THE WORLD'S LEADER IN FIGHTING OVARIAN CANCER

OCRA
ovarian cancer
research alliance

THANK YOU
FROM OUR PRESIDENT & CEO

Dear Friends,

This past year was one of amazing growth for OCRA as we continued our fight against ovarian and related gynecologic cancers. We helped more people than ever navigate life with cancer and made real legislative headway, while our grantees worked with laser focus to find better treatments and a cure for this devastating disease.

In laboratories nationwide, researchers explored the intricacies of ovarian cancer, making significant advancements. Our strong community of patients, survivors and loved ones tapped into profound reservoirs of resilience, providing unwavering support to each other and contributing their voices to the ongoing battle. Concurrently, our dedicated advocates used their voices on behalf of everyone impacted by this disease. Together we strove to maintain our forward momentum and unravel the complexities of ovarian cancer, while enhancing the range of support services for our community.

Calls to our patient support line grew exponentially in 2022, as did interest in our support programs. To meet the need, we launched several new Staying Connected support groups and maximized our resources, continuing our oncology social work student program in partnership with Smith College and Columbia University Schools of Social Work.

OCRA's Survivors Teaching Students program further expanded our reach to the next generation of healthcare providers, adding 24 new schools to its roster. And our two virtual Advocacy Days resulted in an extraordinary 258 meetings with congressional offices.

Our mission is nothing short of curing ovarian cancer, and I'm heartened to share that OCRA grantees made exceptional progress this year, tackling the most critical challenges of this disease, uncovering promising therapeutic targets and paths to better prevention, using machine learning to bridge gaps and better predict response to treatment, and so much more.

Through it all, you stood beside us. As we reflect on the year and look with optimism toward the future, we are grateful to each and every one of you, for your dedication, your support, and your shared commitment to building a world free from ovarian cancer.

The highlights in this report will give you a topline look at our programs and impact. Please visit our website (ocrahope.org) or follow us on social media (@ocrahope) to stay up to date. On behalf of the entire team at Ovarian Cancer Research Alliance, thank you.

Sincerely,

Audra Moran
President & CEO, OCRA

2022
BY THE
NUMBERS

FUNDED **22** SCIENTISTS **$6.7M**

113 **ADVOCATE LEADERS** REPRESENTED **42 STATES & D.C.**

ADVOCATES INFLUENCED A **FEDERAL INVESTMENT** OF **$256M**

7 ACTION ALERTS RESULTED IN **10,113** **MESSAGES TO CONGRESS**

975+ TRAINED VOLUNTEERS REACHED **10.4K** RISING HEALTHCARE PROFESSIONALS AT **393 SCHOOLS**

FIELDED **1717 PATIENT** **SUPPORT CALLS** 50% INCREASE FROM YEAR PRIOR

WOMAN TO WOMAN MENTORS ASSISTED **516** **PATIENTS** AROUND THE U.S.

78,000+ MEMBERS IN OUR **INSPIRE ONLINE COMMUNITY**
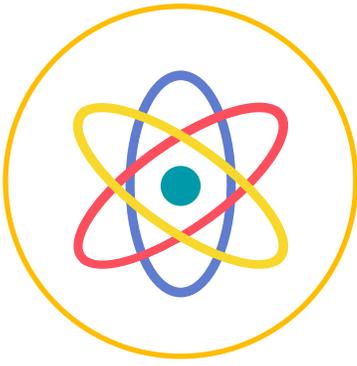
2,000+ ATTENDEES OF OUR **VIRTUAL SUPPORT PROGRAMS** FOR THE COMMUNITY

627 PEOPLE FROM THE U.S. AND AROUND THE WORLD ATTENDED OUR **OVARIAN CANCER NATIONAL CONFERENCE**

RESEARCH

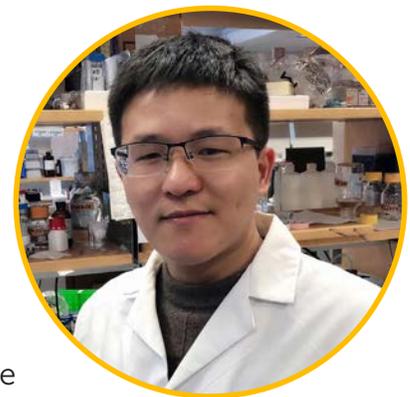## PARTNERING WITH RESEARCHERS TO DEFEAT OVARIAN CANCER

RESEARCH

As the largest non-government funder of ovarian cancer research, OCRA is at the forefront of scientific discovery. To date, we have invested over $116M in bold and promising initiatives that propel the collective field forward and bring hope for a cure. With support from OCRA, our grantees are making critical advances toward better treating, preventing and ultimately curing ovarian cancer.

2022 OCRA GRANTEES:

- Studied how frequent use of aspirin is associated with a reduction in ovarian cancer.

- Used machine learning to bridge the gap between disparate data sets specifically in patients with HGSOC.

- Investigated how knocking out KDM5A relates to an increased presence and activation of cancer-killing immune cells.

- Discovered a tool to aid in selecting the best treatment options.

- Dosed the first patients in the clinical trial "Immunotherapy Platform Study in Platinum Resistant High Grade Serous Ovarian Cancer (IPROC)"

- Studied how partner proteins may contribute to ovarian cancer tumor growth.

- Found key proteins in HGSOC cancer cells and explored combined treatment option that resulted in smaller tumors and longer survival.

- Discovered a genetic link between ovarian cancer subtypes and endometriosis.

- Studied BRCA mutations for potential to further predict ovarian cancer in patients.

IN **2022** WE **FUNDED**
22 INVESTIGATORS
AWARDING
$6.7 MILLION
IN **GRANTS**

COLLABORATIVE RESEARCH DEVELOPMENT GRANT

Benjamin Bitler, PhD
University of Colorado Denver
A machine learning approach to chemotherapy-induced remodeling of the tumor

Ronald Buckanovich, MD, PhD
Magee-Womens Research Institute & Foundation
Role of macrophage-secreted BIGH3 in tumor immunity

Jen-Tsan Chi, MD, PhD
Duke University School of Medicine
The role of ferroptosis in the metastatic ovarian cancer

Sohrab Shah, PhD
Memorial Sloan Kettering Cancer Center
Inferring mutational processes and patient stratification from standard-of-care clinical imaging **(in collaboration with Microsoft AI for Health)**

LIZ TILBERIS EARLY CAREER AWARD

Chi Lam Au Yeung, PhD
MD Anderson Cancer Center
Cancer-derived exosomal miRNAs modulate ovarian tumor microenvironment

Maria Victoria Botuyan, PhD
Mayo Clinic, Rochester, MN
Probing how RAD18 and BARD1 antagonize 53BP1 in HR DNA repair

Lindsay Brubaker, MD
University of Colorado Denver
Targeting Chromobox 2 to overcome macrophage-induced immune suppression

Sammy Ferri-Borgogno, PhD
MD Anderson Cancer Center
BRCA-deficient ovarian cancer and IFITM3: a new "power couple"

Livnat Jerby, PhD
Stanford University
Targeting multifactorial immune evasion mechanisms in ovarian cancer

Jasmine Plummer, PhD
Cedars-Sinai Medical Center
Chemopreventative targets in BRCA1 carrier models with P53 lesions **(Gail Baird Research Grant Recipient)**

Haineng Xu, PhD
University of Pennsylvania
Strategies to exploit genetic alterations in clear-cell ovarian cancer

ANN AND SOL SCHREIBER MENTORED INVESTIGATOR AWARD

Gamze Bildik Elcik, PhD
MD Anderson Cancer Center
DIRAS3 inhibits KRAS and sensitizes LGSOC cells to anti-autophagic therapy

Melica Brodeur, MD
Memorial Sloan Kettering Cancer Center
Exploiting SMARCA4 alterations for new therapeutics in ovarian cancers

Patrick Innamarato, PhD
H. Lee Moffitt Cancer Center
Determination of the immunogenic antigen repertoire in ovarian cancer

Benjamin Johnson, PhD
Van Andel Research Institute
Ovarian cancer stem-like cell differentiation trajectories in single cells

Thales Nepomuceno, PhD
H. Lee Moffitt Cancer Center
Tackling PARPi sensitivity in HRP and HRD cells

Veethika Pandey, PhD
University of Pennsylvania
Overcoming T cell exhaustion in ovarian cancer tumor microenvironment

Pamela Rojas de Santiago, PhD
University of Pennsylvania
Investigating the therapeutic potential of CRABP2 in HGSOC

Amrita Salvi, PhD
University of Illinois, Chicago
Investigating the mechanism of action of PHY34 in HGSOC

Erin Wesley, PhD
University of Minnesota - Twin Cities
Impact of cytomegalovirus and inflammation on NK cells in ovarian cancer

Imade Williams, PhD
Indiana University
Targeting MYC-HSF1 co-amplification in high grade serous ovarian cancer

Zelei Yang, PhD
Dana-Farber Cancer Institute
Re-engaging the anti-tumor immune response against ovarian cancer

OCRA's 2022 grantees targeted a range of important issues, reflecting the complexity of this disease. Their studies focused on discovering more effective options for treating several types of ovarian cancer, including rare subtypes, and recurrent metastatic tumors that have become resistant to current therapies; exploring immunotherapy's potential; investigating disease origins; working toward more personalized therapies; and harnessing cutting-edge technologies for molecular tumor profiling and data sharing that can accelerate progress across the entire ovarian cancer field.

ADVOCACY

ENGAGING WITH POLICYMAKERS TO KEEP THIS FIGHT A PRIORITY

ADVOCACY & EDUCATION

OCRA is the leading voice advocating on behalf of the ovarian cancer community, working with elected officials to protect federal research and education, patient safety, and access to high-quality care for those impacted by the disease.

In 2022, we held a virtual Advocacy Day in March where 218 advocates from 45 states met with 258 congressional offices to push for expanded federal funding for ovarian cancer research and awareness programs.

OCRA pushed for improved access to clinical trials with the DIVERSE Trials Act (H.R.5030/S.2706) and sought to make genetic testing more readily available with the Reducing Hereditary Cancer Act (H.R.4110/S.3656).

Our targeted legislative campaigns helped lead to a federal government spending of $256 million on ovarian cancer research and awareness programs.

Our Advocate Leaders program grew from 101 members to 113 members representing 42 states and the District of Columbia.

In addition, we sent out seven Action Alerts, resulting in 10,113 messages to Congress.

We also change the way future healthcare professionals recognize ovarian cancer through our Survivors Teaching Students® program.

In 2022 we continued our return to in-person presentations post-pandemic, with approximately 30% of our 382 presentations involving our volunteers' return to classrooms.

We continued our efforts to expand our reach and bring patient and caregiver voices to more historically Black colleges and universities, presenting the program for the first time at Charles R. Drew University of Medicine and Science in Los Angeles and Morehouse School of Medicine in Georgia.
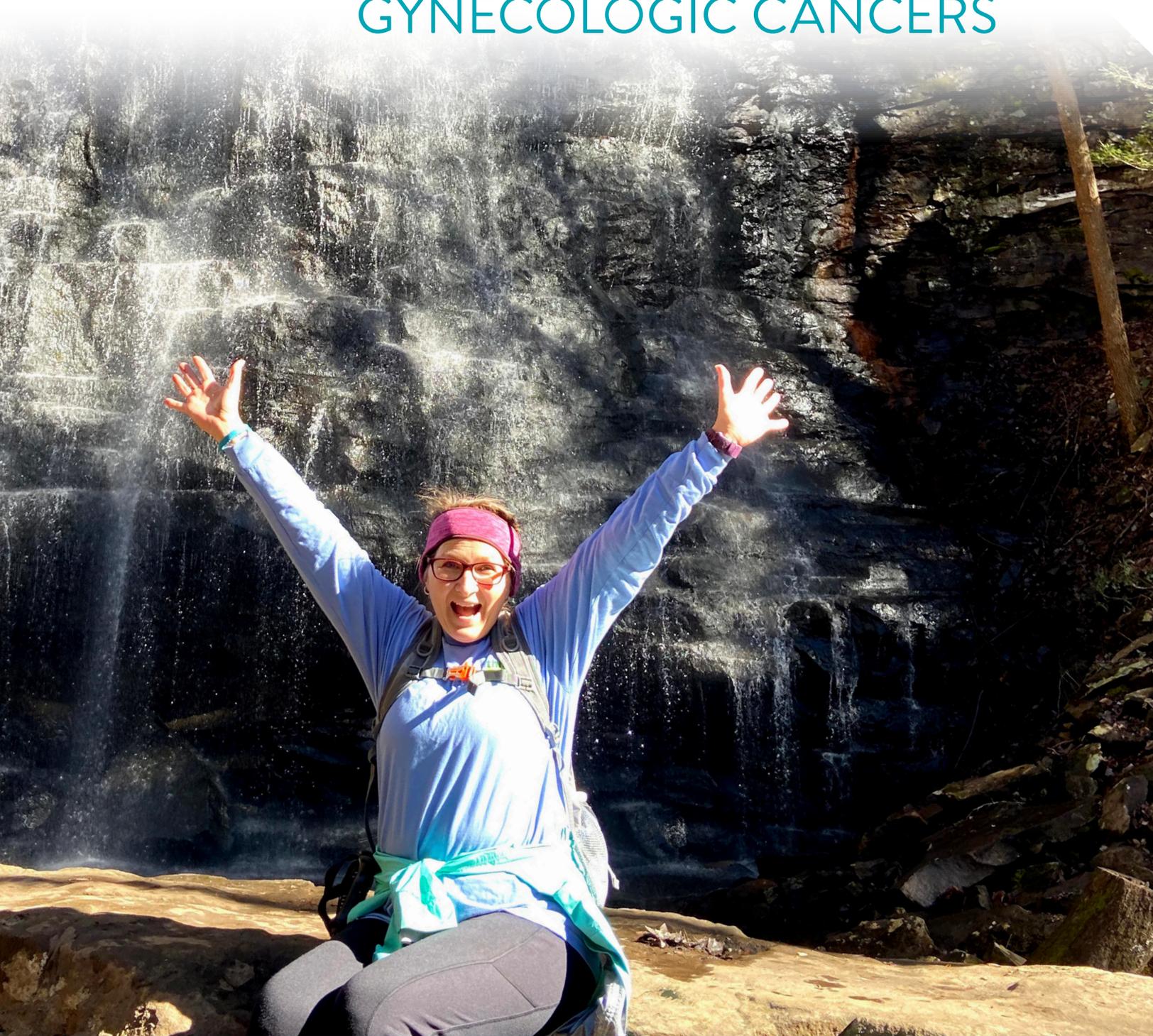
We trained 64 new volunteers, bringing our team to 976 individuals committed to sharing their stories of diagnosis and treatment with 10,401 rising medical professionals at 393 schools and institutions around the U.S.

PATIENT SUPPORT

STANDING WITH EVERYONE IMPACTED BY OVARIAN & GYNECOLOGIC CANCERS

PATIENT SUPPORT

Our support programs are a lifeline for patients and families navigating ovarian cancer. From our Woman to Woman peer support program that pairs patients with trained survivor mentors, to our informative National Conference and social worker-facilitated virtual support series, we're lifting up our community with hope and resources while we strive for a cure.

Calls to our patient support line grew significantly this year, totaling 1717 calls, a 50% increase from 2021. To meet the need, we continued our Oncology Student Field Placement with students from Smith & Columbia Schools of Social Work. A student from our 2021 cohort is now a full-time Gynecologic Oncology Social Worker at Memorial Sloan Kettering Cancer Center.

We paired 516 gynecologic cancer patients with 392 Woman to Woman mentors, who lend support and friendship in a way that only those with shared experience can offer.

Additionally, OCRA expanded its Staying Connected support series to over 2,000 attendees, offering three weekly groups and three monthly groups, creating a support community around issues of new diagnosis, recurrence, sexual intimacy, end of life, and one specifically for loved ones. We expanded our Express Yourself program, combining themed therapeutic creative activities with facilitated discussion, to 387 people registered.

Our patient support team also oversaw the growth of our OCRA Inspire Online Community, which comprises more than 78,000 members worldwide.

We hosted our annual Ovarian Cancer National Conference during Ovarian Cancer Awareness Month, welcoming more than 625 attendees from eight countries. Held virtually, our conference gave patients, survivors, loved ones and healthcare providers the opportunity to hear directly from experts in the field about what's new and promising in ovarian cancer research, treatment and care, and provided invaluable opportunities to connect with others in the community.

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as of February 2024

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FINANCIAL STATEMENT

	2022
Total Revenue & Support	$13,648,681
Expenses	
Program Services	
Research	$7,300,143
Conference	$532,402
Education, Support and Advocacy	$1,789,378
Total Program Services	**$9,621,923**
Fundraising	**$1,442,482**
Administrative	**$894,405**
Total Expenses	**$11,958,810**
Ending Net Assets	**$22,830,266**

REVENUE BREAKDOWN

- Individuals (28%)
- Foundations (5%)
- Corporate (4%)
- Industry (6%)
- Events (14%)
- Bequests (59%)
- Investment (-19%)*
- Other (4%)

* Investment revenue includes $3,296,480 of unrealized losses in market value.