



UNIVERSITY OF ARIZONA COLLEGE OF MEDICINE PHOENIX



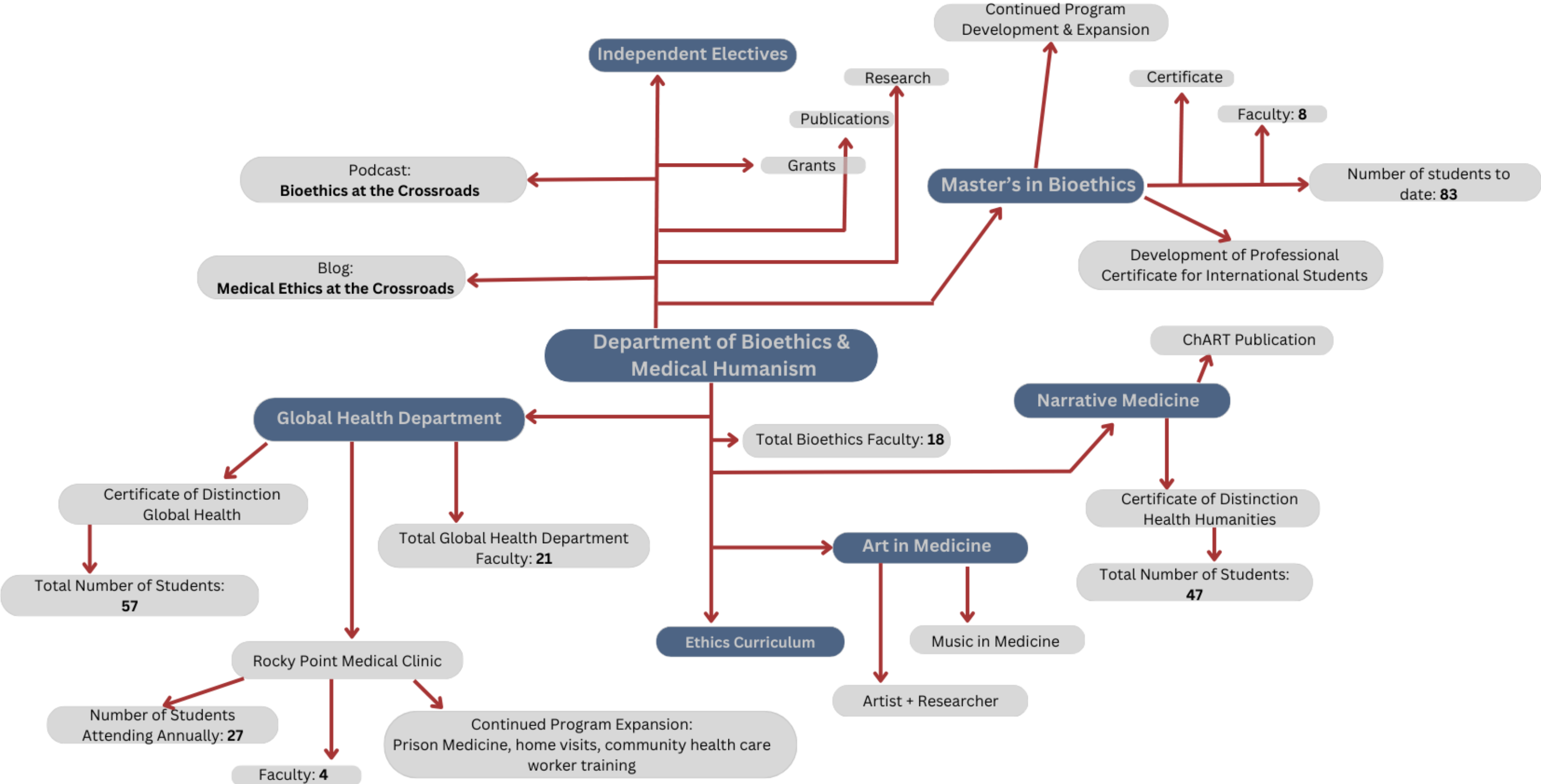
DEPARTMENT OF BIOETHICS AND MEDICAL HUMANISM

Year End Report 2023

Mission Statement

Our mission is to provide leadership in bioethics research, education, practice and public engagement. We strive to prepare students to provide respectful, humane patient care, to address current ethical problems in health care through research and discussion and to engage with providers, patients, and families to resolve their ethical conflicts.

General Overview of the Bioethics Department



2023 Achievements in Bioethics & Medical Humanism



David Beyda, MD

Bioethics & Medical Humanism Department Chair

Program Director for Global Health

Nominated for the Stuart D. Flynn Master Educator Award:

"For his dedication to instill a sense of humanity and morality needed in the medical field. He engages students with patient stories that open our minds to different ethical questions we have within ourselves and allows a safe place to discuss these questions."

Guest Lectures:

- Alliance for Clinical Education: Center for Faculty Development Series Presenter: The Ethical Physician
- Christian Medicine & Dental Association Presenter: Dead is Dead: Confusion at the Crossroads of the Moral, Ethical and Science of Death.
- Christian Medicine & Dental Association Student Life Podcast Interviewed: Covenant Medicine: Being Present When Present
- Westminster Lifelong Learning Symposium Invited Lecture: Eugenics and Genetic Manipulation
- Westminster Lifelong Learning Symposium Invited Lecture: When All is Said and Done, the Art of Dying
- Global Health Seminar – UACOM-P

Publication:

- Vij N, Beyda D.H. An analysis of Global Orthopedic Organizations Through the Lens of the Four Pillars of Global Surgery.

Scholarly Projects:

- Gupta S, Beyda D.H., Health-Seeking Behavior in Rural Rajasthan: Attitudes and Effects on Preventative Healthcare Services
- Martinez A, Beyda D.H., HIV/AIDS Testing Uptake Among Women in the Dominican Republic

Current Faculty:

18 Department Faculty

David Beyda, MD
Vasudha Bhavaraju, MD
Rosemarie Dombrowski, PhD
Ira Ehrlich, MD
Glen Fogerty, PhD, MBA
Jennifer Hartmark-Hill, MD
M. Jasser, MD
Vijay Kannan, MD, MPH

Robert Kravetz, MD
Patricia Mayer, MD
Erin Nelson, PsyD
Corey Philpot, MD
Shakaib Rehman, MD
Cynthia Standley, PhD
Marshall Strome, MD, MS
Michael Zirulnik, PhD

Current Independent Electives: 7

Courses Taught by Dr. Beyda:

- The Art of Story Telling
 - Research Ethics & Atrocities
 - Medicine after the Holocaust
 - Global Health Ethics
-

Courses Taught by Dr. Hartmark-Hill

- Leadership in Healthcare Advocacy
 - Preparation for Teaching and Leadership in Residency
-

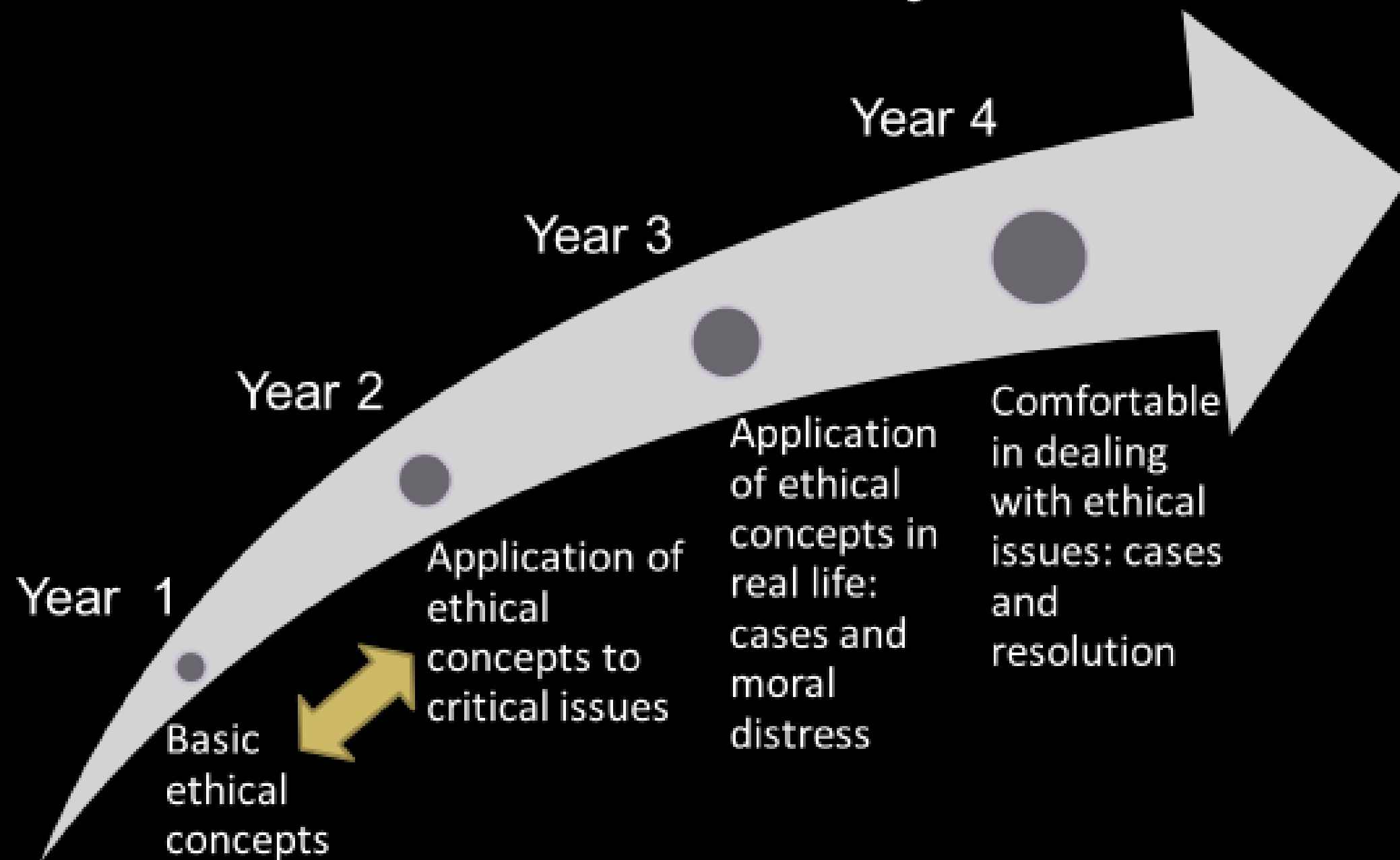
Courses Taught by Dr. Kravetz

- History of Medicine

Ethics Curriculum

“The outcome of a patient’s life depends upon what we do at the bedside and the decisions we make - the consequences” - Dr. Beyda

Ethics across the 4 years.....



Grants & Research

Grants & Philanthropic Donations:

- **\$55,000** Agnes Nelms Haurey Charitable Trust
- **\$25,000** UA Foundation Small Grant
- **\$22,081** Philanthropic Donations

Research

Kidney Precision Medicine Program

- D. Beyda, MD Co-I (2.11%)
- UO1RPPR

Determining Capacity and Improving Down Syndrome Assent (DECIDAS)

- D. Beyda, MD Co-I (2.5%)
- R21 HD109777

Master's in Bioethics & Certificate Program

The Master's program and certificate courses were meticulously crafted with a focus on embracing the principles of Universal Design for Learning and Higher Education Quality Matters. These principles were incorporated to create an inclusive and engaging learning environment that caters to the diverse needs of students. The courses aim to facilitate an interactive learning experience and encourage active participation in the learning process. By incorporating these principles, the courses provide a well-rounded and enriching educational experience for all students.



Amber Serna
Instructional Designer



Molly Kurtz
Academic Programs Officer

Faculty:

David Beyda, MD

Laura Howard, PhD

Cynthia Standley, PhD

Jennifer Hartmark-Hill, MD

Robert Kravetz, MD

Leila Barraza, JD, MPH

Mabel Crescion, DrPH, JD, LLM

Kristy Slominksi, PhD



BIOETHICS GRADUATE EDUCATION

Master of Arts in Bioethics
Graduate Certificate in Bioethics

- 100% online & asynchronous courses
- 7.5 week course length
- Expert faculty
- Currently enrolling

LEARN MORE



COLLEGE OF MEDICINE PHOENIX
Bioethics & Medical
Humanism



CONTACT US:
PBC-Bioethics@arizona.edu

Bioethics Graduate Education

- Master of Arts (30 credits)
- Graduate Certificate (12 credits)

<https://phoenixmed.arizona.edu/bioethics/education>



All courses are taught asynchronously in 7.5 weeks duration

Core/Required Course:

- ETH 500 – Foundations of Bioethics
- ETH/LAW 515 – Healthcare Ethics
- ETH 572 – Current Controversies in Bioethics
- ETH 909 – Master’s Report

Choose 6 elective courses from below:

- ETH 501 – Biomedical Ethics and Global Corruption
- ETH 502 – Humanities, Ethics, and health: A Global Perspective
- ETH 503 – Biomedical Ethics and the Law
- ETH 504 – Applying Key Moral Theories to Issues in Global Ethics
- ETH/PHPM 608A – Public Health Law and Ethics
- ETH/RELI 506 - Religious Diversity in Healthcare: Intercultural Training
- ETH 520 – Ethics Consultations: The How’s and Why’s
- ETH 506 – Chronicle of Medical Ethics: Past & Present
- ETH 521 – Narrative Medicine in Narrative Ethics
- ETH 522 – Controversies of Life and Death: The beginnings and ends
- ETH 516 – Pediatric Ethics
- ETH 517 – Ethics and the Arts
- ETH/LAW 575 – Clinical Research Ethics
- ETH 530 – Human Aging: Ethical Considerations (1 credit)



Proposed Dual Degree MD/MA

- Target start: Fall 24
 - Comparable to the MD/MPH dual degree in sequencing and cost
 - Students will take 2 courses during MS1 and will officially enroll in the dual degree program after they finish MS1.
 - Students will share 9 credits with the MD curriculum
 - Completion of both degrees in 4 years
- Program Fees
 - Start when officially enrolled (MS2)
 - \$750 for 6 semesters (\$4,500 total)



Sample Plan of Study for MD/MA

In addition to the required [curriculum](#) for the MD degree, MD/MA students will follow the course sequencing below.

Medical School Year 1

- Fall
 - ETH 500 – Foundations of Bioethics (3 units)
- Spring
 - ETH 572 - Current Controversies in Bioethics, A session (3 units)

Medical School Year 2

- Fall
 - Elective (3 units)
 - 1 unit from REBLS Block awarded (MEDP810)
- Spring
 - ETH 515 – Health Care Ethics, B session (3 units)

Medical School Year 3

- Fall
 - Elective (3 units)
- Spring
 - Elective (3 units)

Medical School Year 4

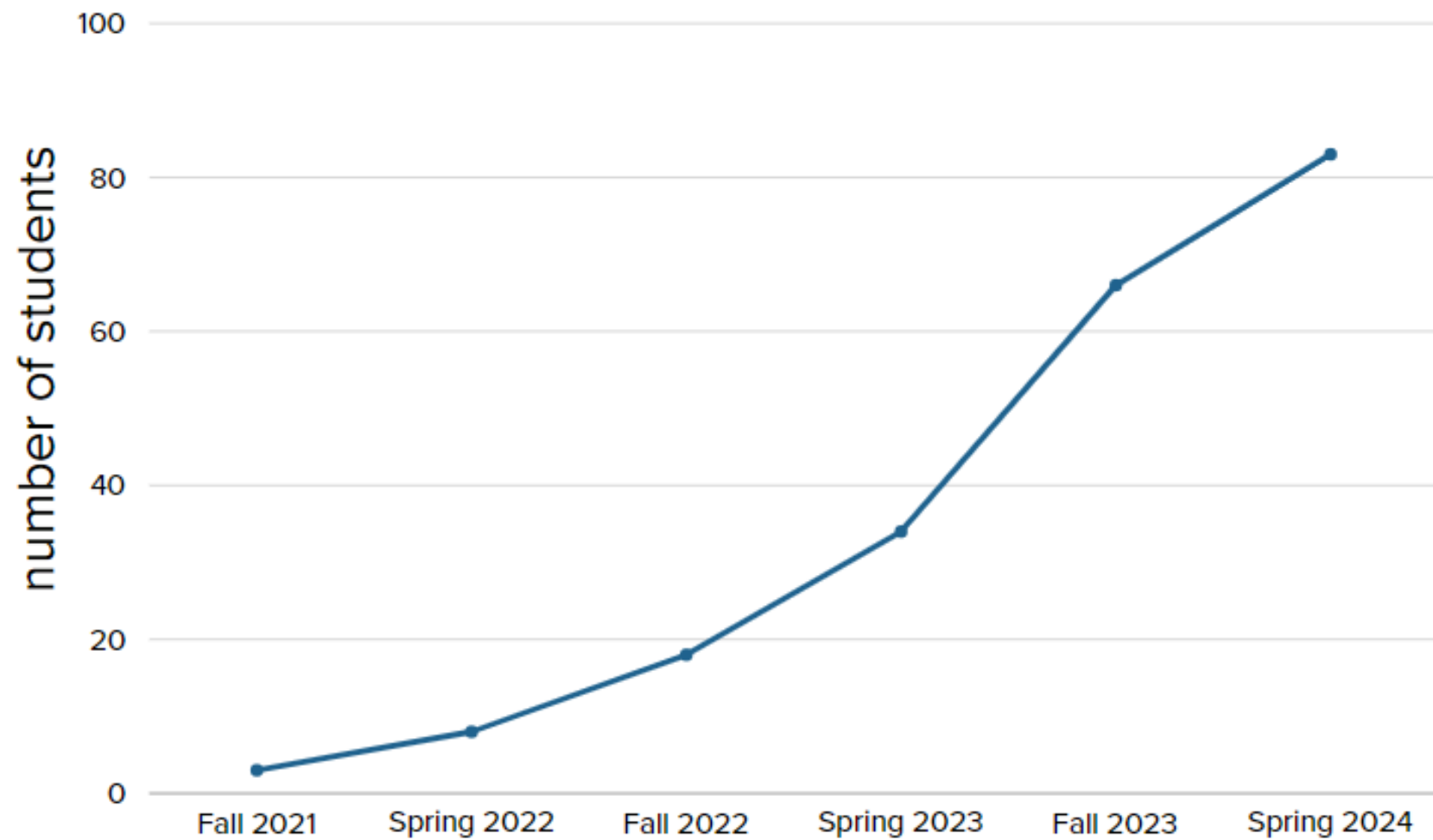
- Fall/Spring*:
 - Choose 2 of the following COM-P 4th-year electives:
 - MEDP 890A Research Ethics and Atrocities (4 units)
 - MEDP 890D Medicine after the Holocaust (4 units)
 - MEDP 890B Global Health Ethics (4 units)
 - MEDP 890F The Art of Storytelling (4 units)
- Spring
 - ETH 909 Master's Report (3 units)

**Start and end dates of the Fall and Spring semester are different. The fall semester ends in November; the Spring semester starts in November. (Please refer to the [current academic calendar](#) for exact dates.) Because of this, no ETH courses should be taken in Fall 7WB.*

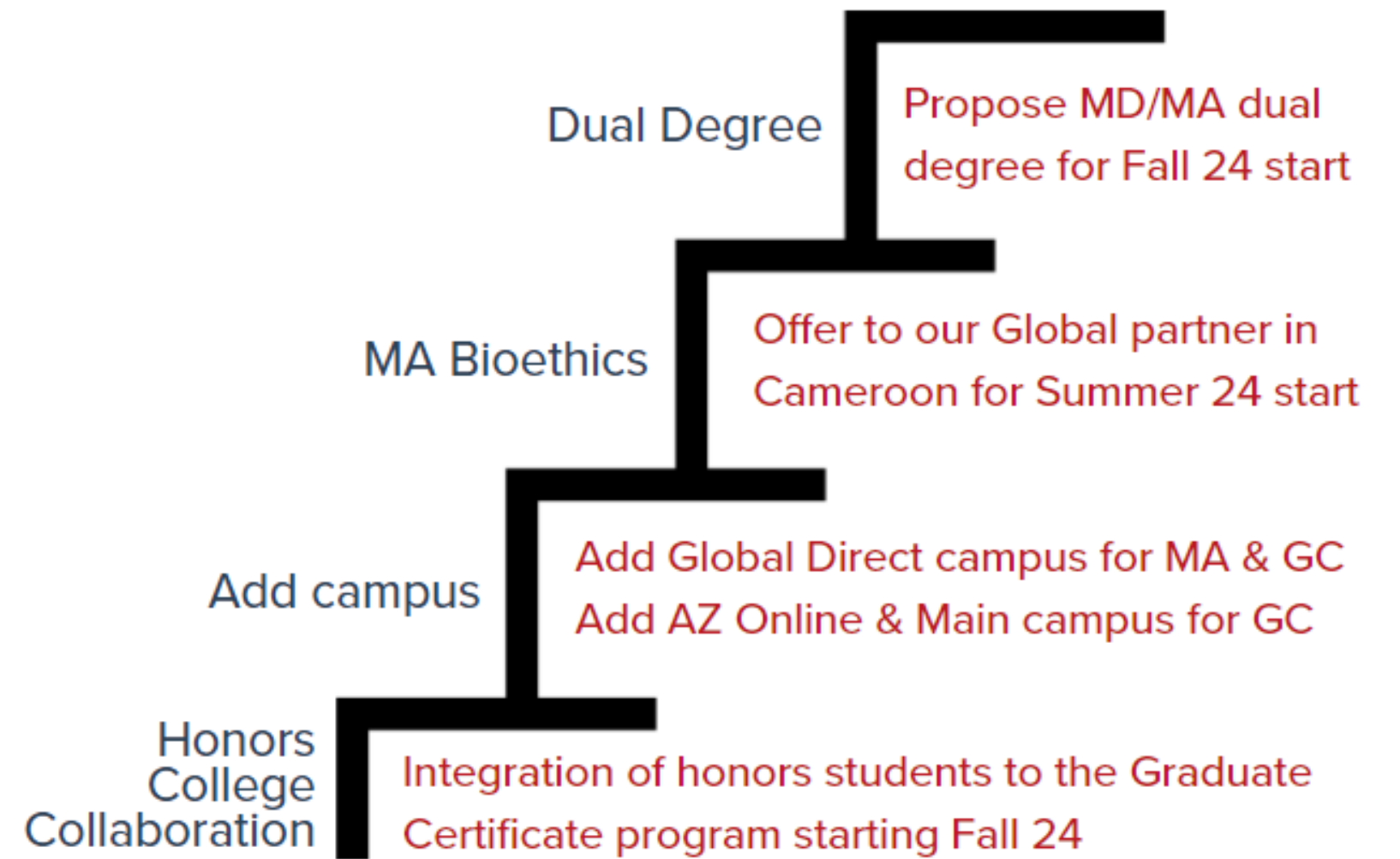


Development & Growth

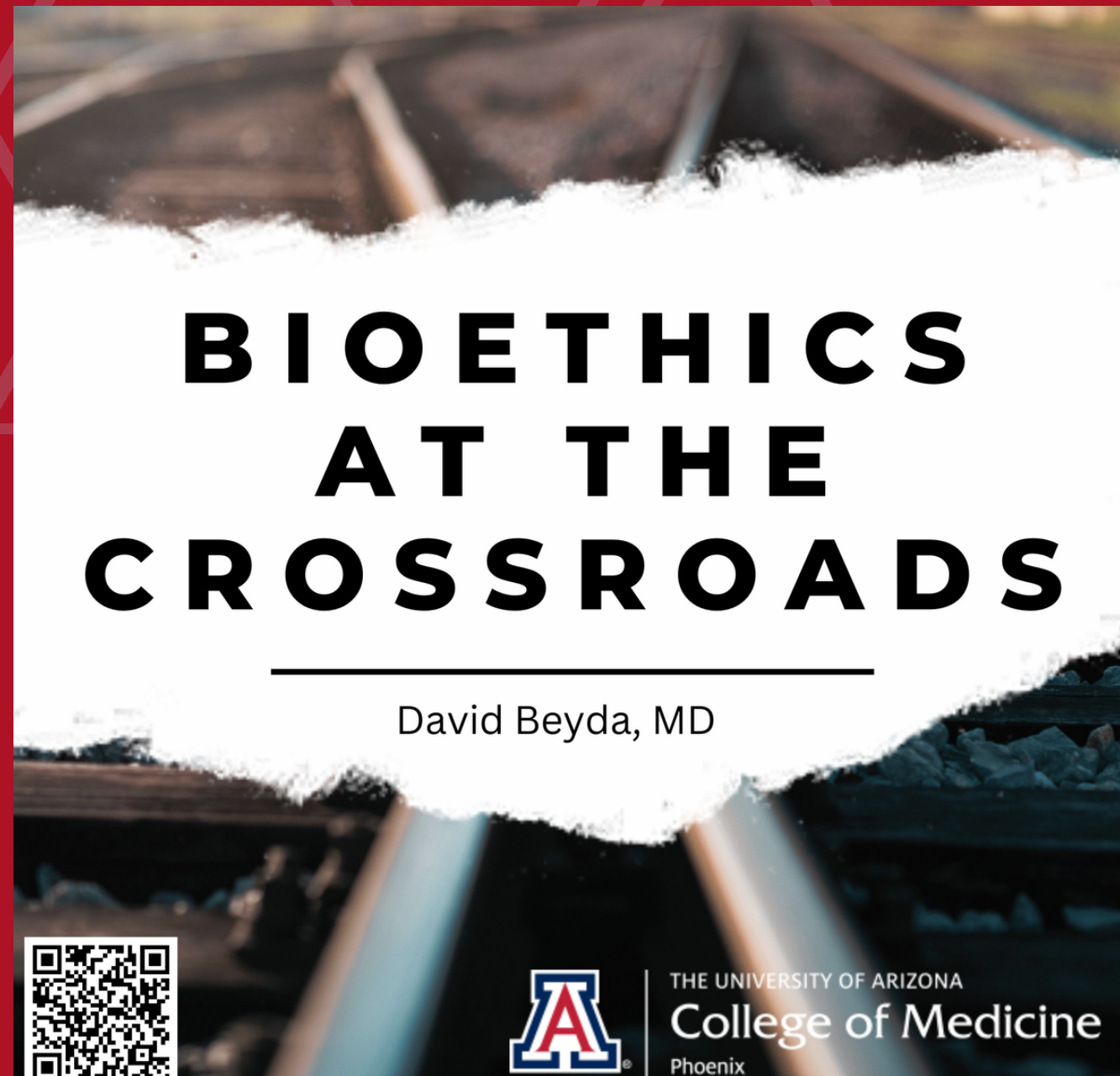
Total Number of Students Enrolled in ETH Courses



Completed Timeline



Podcast: Bioethics at the Crossroads

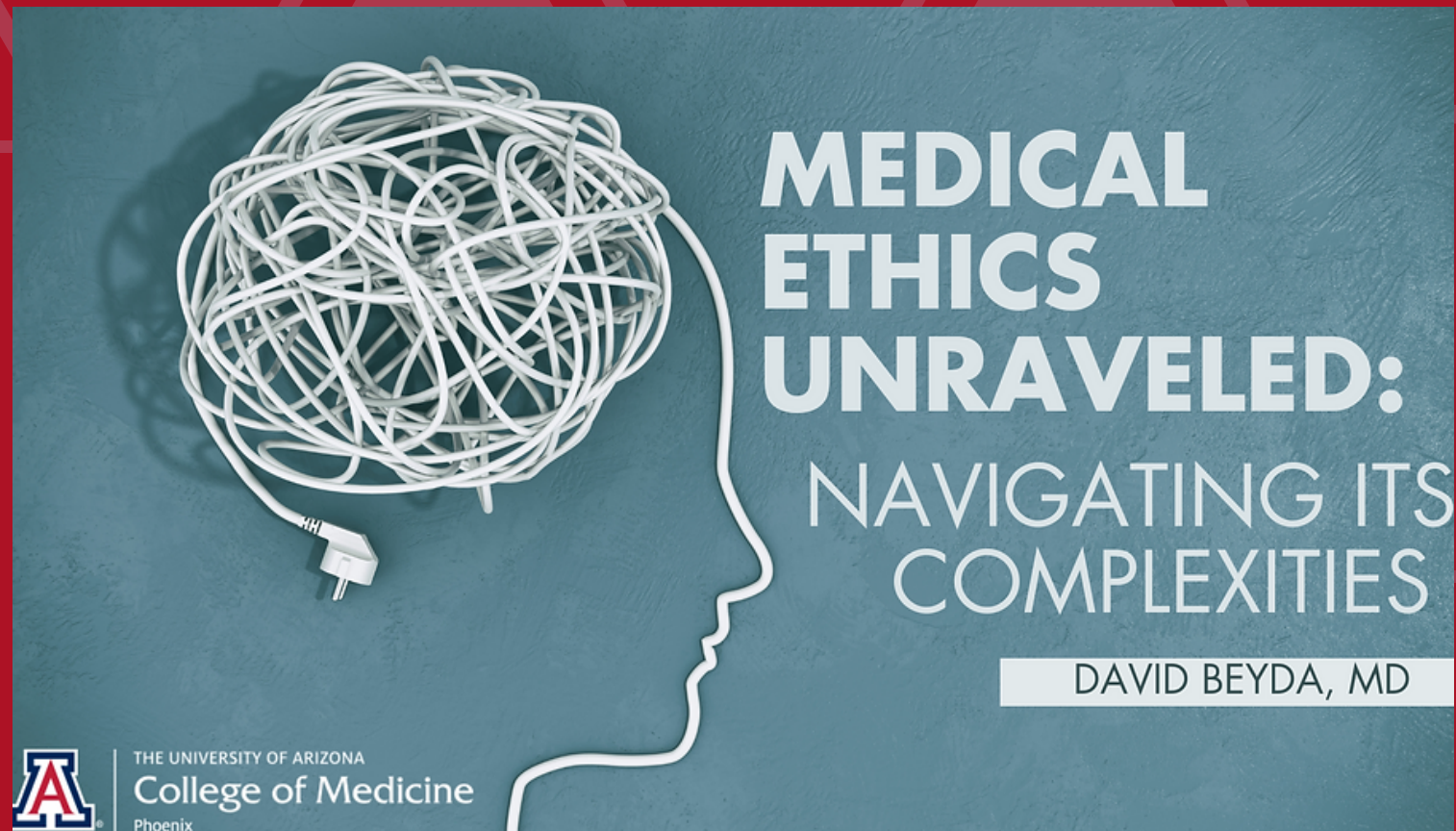


Bioethics at the Crossroads invites guests who are experts in their field and UACOM-P students to engage in open dialogue about ethical issues in medicine. Episodes can be found in the link:

[Awareness and Education of the Holocaust: Not So Much](#)

[Medical Education: Caring For and About Those with Disabilities](#)

Blog: Medical Ethics Unraveled



From questions about the ethics of clinical trials to the moral considerations of end-of-life care, there is no shortage of challenging topics to discuss. Through this blog Dr. Beyda fosters a deeper understanding of these issues by offering thoughtful analysis, informed commentary, and space for respectful dialogue and debate. Blog Articles Linked:

[The Dealer](#)

[Perfectly Imperfect](#)

[Medical Education: Caring For and About Those with Disabilities](#)

Art in Medicine 2023 Achievements



Cynthia Standley, PhD

Program Director for Art in Medicine

1st place in the Research Office of Medical Education Forum

Project: *Student Participation in Preclerkship Active Learning Yields Higher Interpersonal Communication and Professionalism Scores in Preclerkship and Clerkship Experiences*

Book Contract: Springer for the title *Biomedical Science and Clinical Foundations: A Case-Based Approach*, to be published in 2024

Invited to be a member of the Scientific Committee for the Joint International Conference of the International Association for Music in Medicine and the International Society for Arts and Medicine in Berlin, Germany Sept 2024

The Artist + Researcher (ARx) Program

- 9 works of art from cohort #1 was exhibited at the Sky Harbor Museum Gallery for 6 months from Jan -July 2023.
- 10 works of art from cohort #2 was debuted in August and is currently on display on the first floor of HSEB, soon to travel to additional locations.
- We received a lot of press this year (Interview on PBS Arizona Horizons, news articles in ASU, NAU, UA press, and local city newspapers)
- Cohort #3 teams have been formed, and the program continues to grow!

Expansion of PBC Arts Committee

- 13 members representing UA, ASU, NAU, 850 PBC, City of Phoenix, and the community
- New art space for exhibits created at 850 PBC, expanding the ability to showcase works on the PBC campus
- Added a Student Grant competition this year- 4 students received awards to create art based on their health professions curriculum

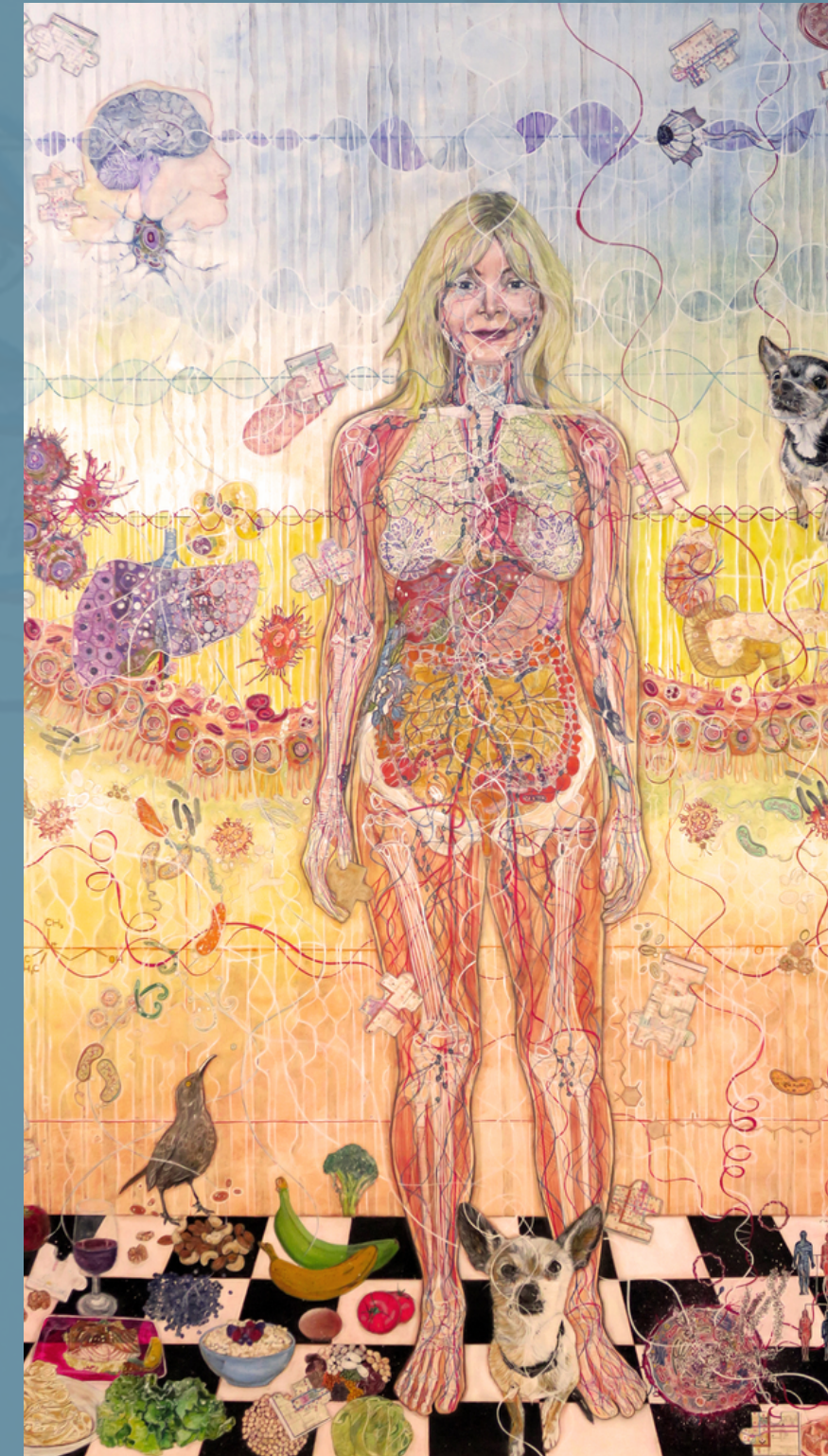
Ethics and The Visual Arts: created and implemented a 7-week elective for the Master's in Bioethics Program.

EXHIBITS BROUGHT TO CAMPUS

- Harriet Barratt “Keep Still Moving Fast” and “Trial By Fire”
- Kristin Anchors “Cut Paste The Body”
- Kids in Focus Photography exhibit
- Journey to the Center of Hope Veterans Photography exhibit
- Covid Memorial Quilt Project
- The Requiem Project – Compassion Drawing in the Time of Covid
- Artist + Researcher Program Cohort 2

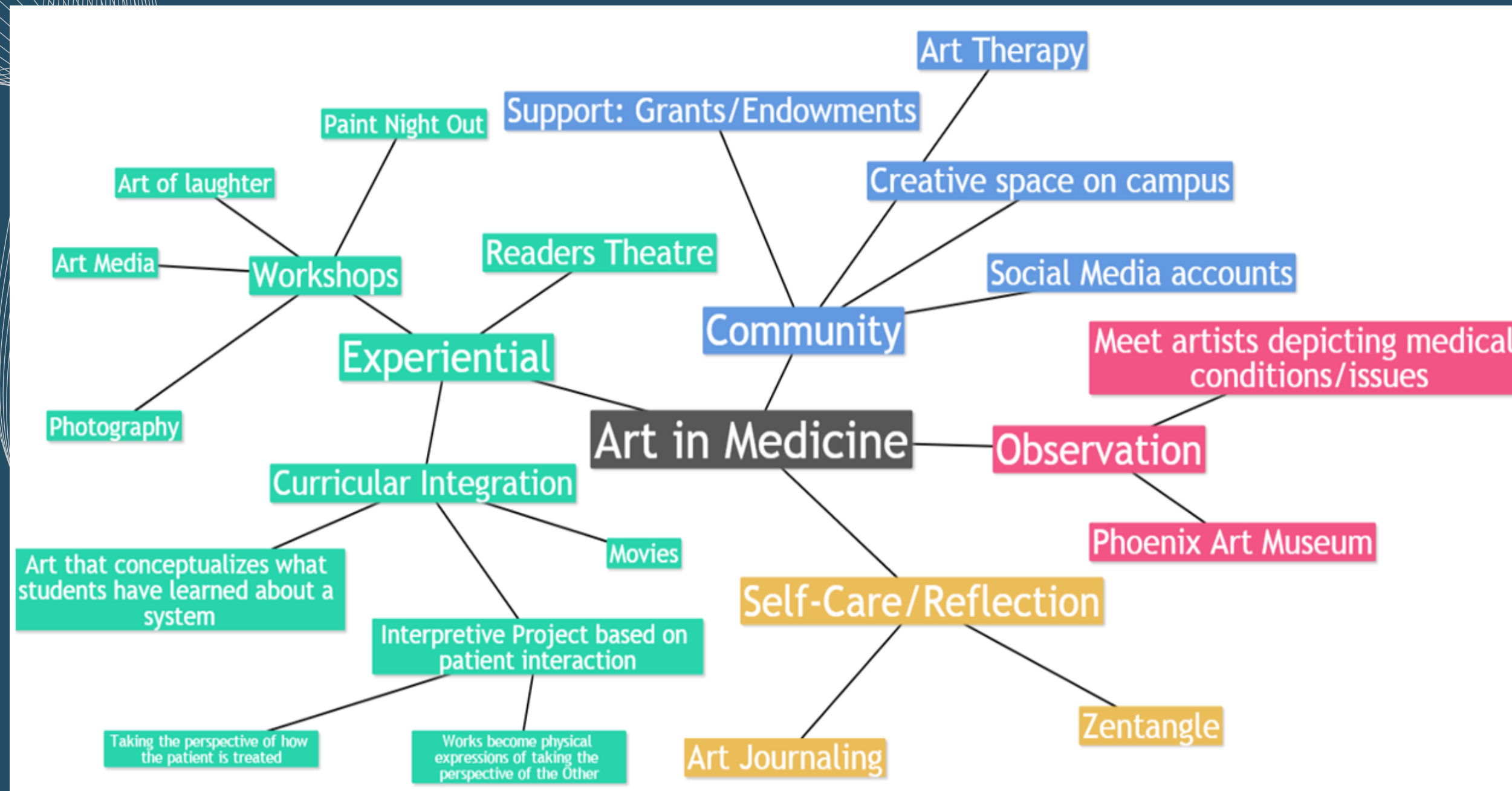
Exhibits to come in 2024:

- Shah Noor Shafqat coming early January 2024
- Happy World: Calvin Shin coming end of January 2024
- Gold Humanism “Tell Me More” campaign coming Feb 2024
- Blair Bunting exhibit
- Kids in Focus
- Brandon Sullivan Through Each Others Eyes



From the ARx Exhibit:
Portrait of Johanna - NAFLD Study, The
Researcher Becomes the Subject by Monica
Aissa Martinez and Johanna DiStefano

AIM Continued Growth and Expansion



Websites:
[Art in Medicine](#)
[The Program of Art in Medicine](#)
[Artist + Researcher](#)

2023 Achievements in Narrative Medicine and Health Humanities



Jennifer Hartmark-Hill, MD

Program Director for Narrative Medicine
and Health Care Humanities

- Expansion of Health Humanities Certification of Distinction opportunities for students in terms of research projects, community engagement and professional development.
- Service on BUMC Advisory Committee for a new "Compassion Center" at BUMC; Award of funding from AZ Humanities
- Co-publication with Health Humanities Certificate of Distinction Student in the World Journal of Neurosurgery Poetry in Neurosurgery: A Scoping Review with Select Poems by Influential Neurosurgeon-Poets - ScienceDirect
- Advisor role/launch of a new student interest group "Poetry in Medicine"
- Collaboration with Phoenix Poet Laureate on "Grey Matter Poetry Publication"/Community Engagement events
- Publication of the 10th annual edition of ChART, the humanities journal of Program for Narrative Medicine & Health Humanities.
- Service on national committees and task forces for the Health Humanities Consortium.

NARRATIVE MEDICINE & HEALTH HUMANITIES PROGRAMS

- Certificate of Distinction Health Humanities
- ChART Humanities Journal
- Grey Matter Poetry Publication
- Stories in Medicine Collection
- Medicus Online Publication
- The Story Project Podcast
- Film & Medicine Series
- Narrative & Diversity Book Events
- Peer-Reviewed: The Blog
- Graphic Medicine Collection
- Stories in Ink

HEALTH HUMANITIES CERTIFICATE OF DISTINCTION

Total Enrollment: 46

- Class of 2027 - 11
- Class of 2026 - 20
- Class of 2025 - 7
- Class of 2024 - 8
- 2023 Graduates who earned the HHCOD: 2

HHCOD Student Achievements

PUBLICATIONS:

- Nikhil Dholoria, Naomi Bishop, Jen Hartmark-Hill. Poetry in Neurosurgery: A Scoping Review with Select Poems by Influential Neurosurgeon-Poets. World Neurosurgery.
- Adina Greene. The physician's fix. Families, Systems & Health: the Journal of Collaborative Family Healthcare.

RESEARCH:

- Daniel Oheb, Ginger Carlson, J. Hartmark-Hill. A Narrative Medicine Intervention for Pediatric Patients Newly Diagnosed with Chronic Illness
- Adina Greene, Cheryl O'Malley, J. Hartmark-Hill. BUMC Compassion Center Research
- Kennedy Sparling, J. Hartmark-Hill. "Changing Medical Students' Misconceptions of Sexual Violence Through Art."

HHCOD STUDENT ACHIEVEMENTS, CONTINUED

National Presentations:

- Adina Green. Evaluating Medical Student Knowledge of Dermatological Diseases on Skin of Color. Integrative Dermatology Symposium.
- Santana S Solomon, BS1, Jahnavi M Shriram, BS, BA1, Aram D Nejad, BS1, Nandini Sharma, BS, MS1, & Eshaan S Kashyap, MS1, Jennifer R Hartmark-Hill, MD1. Evaluation of asylum clinic volunteering impact on future medical student practice: a student survey. 2023 Physicians for Human Rights Annual Conference.
- Adina Greene, Blake Feldmar, David Beyda. "Deficits in Medical Student Knowledge of the Holocaust & its Implications for Medical Ethics Education" Midwest Medical Humanities Conference. March 2023

Community Outreach & Engagement:

- Kennedy Sparling, Sarah Zhang, Jen Hartmark-Hill. "National Denim Day" Speaker and Narrative Art Event. April 26, 2023
- Olivia Tripplett, Cindy Reynold, John Roh. Co-founders, "Therapeutic Poetry" Student Interest Group

Additional Achievements & Creative Work:

- Adina Greene, Invited Interview, Medicus Publication, 2023
- Nicole Varda, Student Editor, Medicus Publication, 2023
- Sarah Nelson, Student Editor, ChART Humanities & Arts Journal 2023
- Kennedy Sparling. "My Own Song" ChART Journal 2023 publication
- Kennedy Sparling. "Water your Plant" ChART Journal 2023 publication
- Carleen Cuevas. "First Light." Photography publication. BUMC Compassion Center Cards. 2023.

Department of Global Health Faculty:

In 2023 there were **24** faculty who served as mentors, seminar guests and presenters, and assisted on trips to Rocky Point Medical Clinic.

David Beyda, MD

Rosemarie Metzger, MD

Vijay Kannan, MD, MPH

Theresa Murdock, MD

Richard Vinroot, MD, MPH, FACOEM

Mohan Belthur, MD

Michael Brady, MD

Dean Coonrod, MD, MPH, FACOG

Crista Johnson, MD

Robert Londeree, MD

Laura Mercer, MD, MBA, MPH

Lara Yoblonksi, MD

Amy Kristensen, MD

Laura Kueny, MD

Riya Kulkani, DO

Andrew Wong, MD

Wendy Prynne, MD

Kareem Raad, MD, MPH

Alice Lee, MD

James Lindgren, MD, FAAP, FACP, FAEP

Alyssa Hummel, MD

GLOBAL HEALTH CERTIFICATE OF DISTINCTION

CODGH Students

Class of 2027 - 16

Class of 2026 - 16

Class of 2025 - 19

Class of 2024 - 6

2023 Graduates who earned the GHCOD: 5

Rocky Point Medical Clinics

The relationship with Rocky Point Medical Clinics in Puerto Penasco, Sonora, Mexico continues to be a critical asset to the GHCOD.

Students serve Guatemalan refugees and the underprivileged Mexican population and develop a greater understanding of a providers role in medical service.

In May 12 students and 4 faculty were able to travel to Mexico and in September 15 students and 4 faculty again visited RPMC.

Continued Program Expansion at RPMC

- Prison medicine
- Home visits
- Community health care worker training



Looking Forward to 2024



Implement and Interdisciplinary Bioethics Think Tank

- Bring together experts from various fields like law, medicine, philosophy, and technology focusing on anticipating and addressing emerging ethical issues brought about by advancements in medical technology, such as gene editing or AI in healthcare. The think tank could host workshops, publish white papers, and provide policy recommendations.

Creating a Bioethics Outreach Program:

- This program would focus on educating both healthcare professionals and the public on ethical issues specific to bioethics and medical humanism. It could include community seminars, educational material for schools, and training workshops for healthcare providers.

Bioethics Community Partnership Initiative:

- We will build partnership with various community organizations, such as hospitals, schools, elder care facilities, and community centers. We will create a series of interactive workshops and discussion forums that address real-world bioethical issues relevant to each group.