

CHRYSALIS
PROJECT UPDATE
1999-2021

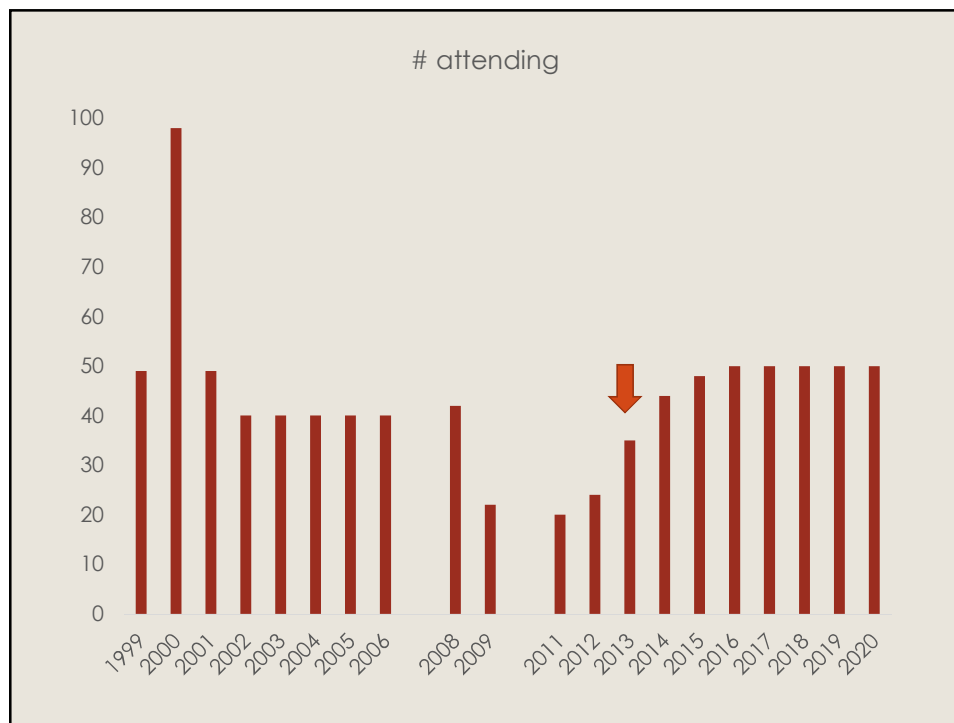
Co-chairs:
Rebecca Saff, MD,
PhD
Asriani Chiu, MD

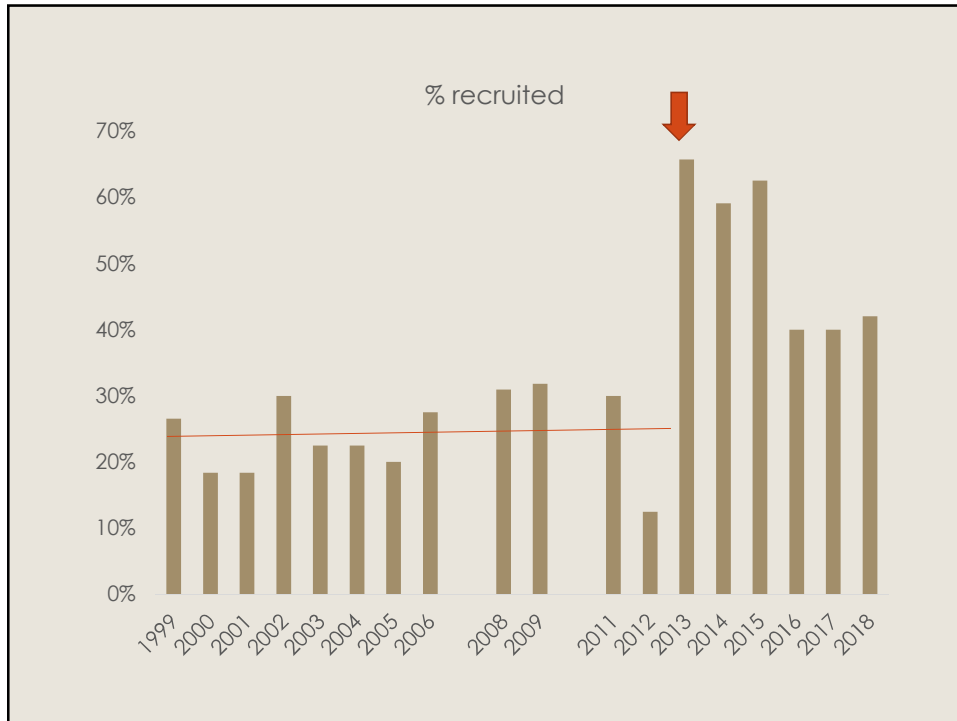
Goals of the Chrysalis Project:

1. Increase medical trainee knowledge about the pathogenesis and treatment of allergic and immunologic diseases,
2. Increase medical trainee awareness of training programs in allergy and immunology
3. Create a pipeline to recruit future physician scientists into our field

HISTORY OF CHRYSALIS PROJECT

- ▶ Started in 1999 for medical students
- ▶ In 2013, added resident applicants
- ▶ Maintained at AAAAI annual meeting every year except 2007, 2010, 2020
- ▶ Total number of attendees: 1140
- ▶ Total number of recruits: Greater than 30%





2020 CHRYSALIS PROGRAM

Cancelled due to COVID-19 Pandemic

- Decision to invite all accepted to participate in virtual program in 2021
- 45 Accepted Invitation to participate in 2021 Chrysalis Program

2021 CHRYSALIS PROGRAM

Virtual due to COVID-19

- Took place on 2/20/21
- Given virtual format, all applicants accepted to participate (120)
- Didactic sessions
- Hot Topics discussion groups on Food Allergy, Drug Allergy, and Asthma
 - Planned for groups of 10 with participants rotating between the 3 topics
- Each applicant assigned FIT mentor and Faculty Mentor and met prior today of the program

2021 APPLICANT DATA

Applicant	Number applied	Number accepted	% accepted
3 rd year Med student	0		
4 th year Med student	5	5	100
1 st year Resident	18	18	100
2 nd year resident	38	38	100
3 rd year participating in Chief Year	5	5	100
Med/Peds Resident	9	9	100
Total	75 eligible	75	100%

WHO CHOSE?

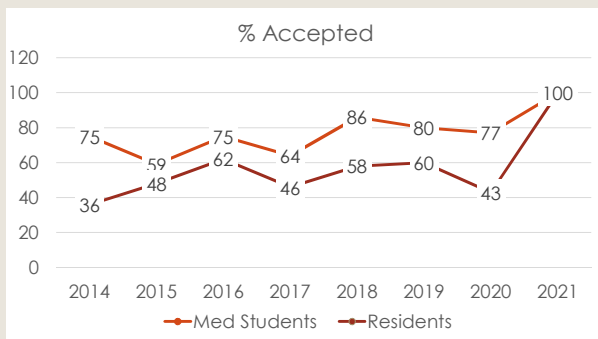
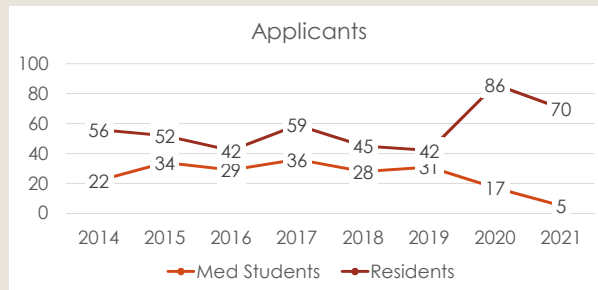
Chrysalis work group includes 6 reviewers:

- Asriani Chiu, MD
- Kimberly Risma, MD PhD
- Rebecca Saff, MD PhD
- Rebecca Scherzer, MD
- Kelly Stone, MD PhD
- Panida Sriaroon, MD

2021 DATA

Accepted: 75 total

- 7 accepted residents that had been turned away previously
- 25 applicants from programs without A/I
- 9 applicants with Abstracts (4 Oral Abstracts)
- 11 applicants with Case Reports



HOW DO WE CHOOSE?

- Participant scores are based upon:
 - Letter of Recommendation
 - Academic performance
 - Personal statement
 - Activities: Research experience, publications, presentations
 - 2015: Accepted abstract submissions and their ranking are taken into consideration, but do not guarantee acceptance. Exception: first author, oral abstract does result in an automatic acceptance
 - 2016: Exposure to A/I (if no training program, applicant is given additional weight to final score)
 - 2019: Given extra look if they had been previously turned down

CHRYSALIS 2021 PROGRAM

Chrysalis Didactic Program: Saturday, February 20, 2021

Start time: 7:00 am PT/9:00 am CT/10:00 am ET

End time: 12:00 pm PT/2:00 pm CT/3:00 pm ET

Moderator: Kimberly A. Risma, MD PhD and Rebecca Saff, MD PhD

7:00 am PT/9:00 am CT/10:00 am ET - Welcome from Chrysalis Chairs: Kimberly A. Risma, MD PhD and Rebecca Saff, MD PhD

7:15 am PT/9:15 am CT/10:15 am ET - Welcome from the AAAAI President: Mary Beth Fasano, MD MSPH

7:30 am PT/9:30 am CT/10:30 am ET - Immunodeficiency: Thomas A. Fleisher, MD

8:00 am PT/10:00 am CT/11:00 am ET - Atopic Dermatitis: Donald Y. M. Leung, MD PhD

8:30 am PT/10:30 am CT/11:30 am ET - Food Allergy: Edwin H. Kim, MD

9:00 am PT/11:00 am CT/12:00 pm ET - Break

CHRYSALIS 2021 PROGRAM

Chrysalis Didactic Program: Saturday, February 20, 2021

9:30 am PT/11:30 am CT/12:30 pm ET - Welcome Back: Kimberly A. Risma, MD PhD and Rebecca Saff, MD PhD

9:35 am PT/11:35 am CT/12:35 pm ET - Asthma: Gurjit K. Khurana Hershey, MD PhD

10:05 am PT/12:05 pm CT/1:05 pm ET - Drug Allergy: Kimberly G. Blumenthal, MD MSc

10:35 am PT/12:35 pm CT/1:35 pm ET

Hot Topics Discussion Sessions

- Drug Allergy: Kimberly G. Blumenthal, MD MSc; Amy M. Dowden, MD; Rebecca Saff, MD PhD; Cosby Stone, MD
- Food Allergy: Sarita U. Patil, MD; Emily C. McGowan, MD; Edwin H. Kim, MD; Rebecca Scherzer, MD
- Asthma: Katherine N. Cahill, MD; Timothy P. Moran, MD PhD; Kirsten Kloepfer, MD MS; Kimberly A. Risma, MD PhD

11:55 am PT/1:55 pm CT/2:55 pm ET - Closing Comments: Kimberly A. Risma, MD PhD and Rebecca Saff, MD PhD

Career Paths in Allergy and Immunology

Open to all trainees
(including Chrysalis)

Saturday, February 20, 2021

Start time: 2:00 pm PT/4:00 pm CT/5:00 pm ET

End time: 4:00 pm PT/6:00 pm CT/7:00pm ET

Moderator: Rebecca Scherzer, MD and Deepti R. Deshpande, MD

2:00 pm PT/4:00 pm CT/5:00 pm ET

Welcome and Introduction: Rebecca Scherzer, MD and Deepti R. Deshpande, MD

2:10 pm PT/4:10 pm CT/5:10 pm ET

A/I Career Pearls: A. Wesley Burks, MD

2:30 pm PT/4:30 pm CT/5:30 pm ET

Academia Clinical Educator: Princess U. Ogbogu, MD

2:35 pm PT/4:35 pm CT/5:35 pm ET

Academia Physician Scientist (Clinical Research): Tanya M. Laidlaw, MD

2:40 pm PT/4:40 pm CT/5:40 pm ET

Academia Physician Scientist (Bench Research): Mitchell H. Grayson, MD

Career Paths in Allergy and Immunology

Open to all trainees
(including Chrysalis)

Saturday, February 20, 2021

2:45 pm PT/4:45 pm CT/5:45 pm ET

Industry: Jennifer M. Maloney, MD

2:50 pm PT/4:50 pm CT/5:50 pm ET

Government FDA: Kelly D. Stone, MD PhD

2:55 pm PT/4:55 pm CT/5:55 pm ET

Government NIH: Melody C. Carter, MD

3:00 pm PT/5:00 pm CT/6:00 pm ET

Private Practice Solo/Small Group: Mohamed S. Yassin, MD

3:05 pm PT/5:05 pm CT/6:05 pm ET

Private Practice Large Group: Lisa C. Winterroth, MD

3:10 pm PT/5:10 pm CT/6:10 pm ET

Panelist Q&A

3:50 pm PT/5:50 pm CT/6:50 pm ET

Summary: Rebecca Scherzer, MD and Deepti R. Deshpande, MD

CURRENT STRATEGIES

- Application
 - Asking if A/I program is at institution and if not 0.25 added to their review score
 - Reapplying question on application and considered during the ranking process
- Recruitment
 - Recruitment of interest in the program has not been an issue for the program
 - Blast emails to the program directors assembly and medical student/resident member types of the AAAAI
 - Write in AAAAI E-News
 - Word of mouth
- Non-Selected
 - Encouraged to apply again
 - Encourage those who are attending the Annual Meeting to register for the Career Path in A/I session which is open to all medical students/residents who attend the Annual Meeting
 - Those with accepted abstracts or case reports who are not selected are given to the Medical Student/Resident Travel Scholarship

NEW STRATEGIES

- Application
 - Adding demographic information (race and ethnicity)
- Recruitment
 - Adding back 3rd year medical students for recruitment as most residents selected are already going into the field
- Non-Selected
 - Requesting Board to approve recording the Chrysalis Project Didactic program to offer it to those not selected once available

NEW STRATEGIES

- Mentoring
 - Plan to continue FIT and Faculty mentors and encourage virtual meeting prior to conference
 - Connect interested fellows with mentors for research project if no opportunities at their institution
- Programming
 - Continue didactic lectures while encouraging interactive strategies
 - Continue Hot Topics discussion groups

HOW TO GET INVOLVED...

- Recruit medical students to your research projects
- Advertise to MD PhD directors, Residency PD, and Medical School Deans
- Encourage your fellows to be Chrysalis Mentors
- Volunteer to be a Chrysalis Mentor