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 CHRYSLIS 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%

# attending
2020 CHRYSA NIS 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 Chyrsalis 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

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

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
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<tbody>
<tr>
<td>2:00 pm PT/4:00 pm CT/5:00 pm ET</td>
<td>Welcome and Introduction: Rebecca Scherzer, MD and Deepti R. Deshpande, MD</td>
</tr>
<tr>
<td>2:10 pm PT/4:10 pm CT/5:10 pm ET</td>
<td>A/I Career Pearls: A. Wesley Burks, MD</td>
</tr>
<tr>
<td>2:30 pm PT/4:30 pm CT/5:30 pm ET</td>
<td>Academia Clinical Educator: Princess U. Ogbogu, MD</td>
</tr>
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<td>2:35 pm PT/4:35 pm CT/5:35 pm ET</td>
<td>Academia Physician Scientist (Clinical Research): Tanya M. Laidlaw, MD</td>
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<tr>
<td>2:40 pm PT/4:40 pm CT/5:40 pm ET</td>
<td>Academia Physician Scientist (Bench Research): Mitchell H. Grayson, MD</td>
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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