Type them into questions box!

“Why am I muted?”
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- College to Career
- ACS Webinars
- Virtual Classrooms

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- **Chemistry and the Economy 2021 Outlook**
  - Thursday, November 12, 2020 at 2-3pm ET
  - Speaker: Paul Hodges, International Ethen
  - Moderator: Bill Carroll, Carol Applied Science
  - What You Will Learn:
    - How the US election could impact international trade and supply chains, especially with China
    - What is the role of national debt and public markets for the market
    - What is the new vision for oil and the petrochemical industry going forward?
  - Co-produced with ACS Industry Member Programs and ACS Division of Business Development and Management

- **Here Comes the Sun: Advances in Solar Power**
  - Tuesday, November 17, 2020 at 1-2pm ET
  - Speaker: Vyo Nabor (voyer), International Solar Electric Technology
  - Moderator: Bill Carroll, Carol Applied Science
  - What You Will Learn:
    - A brief history of photovoltaic technology, recent paths, and future directions
    - How innovation worldwide is working to further improve PV technology and develop new applications to solve global problems
    - Possible approaches to using PV technology in Philadelphia to make this UNESCO World Heritage City a green city
  - Co-produced with the Science History Institute

- **Mitigating Drug-induced Liver Injury**
  - Thursday, November 19, 2020 at 2:30pm ET
  - Speaker: Michael Herby, Merck / Jim Monroe, Merck / Wen Kang, Merck
  - Moderator: Kausik Mitra, Janssen Research & Development
  - What You Will Learn:
    - The role of key hepatic transporters in drug-induced liver injury and strategies to design molecules with transporter inhibition liability
    - Development of a functionalization gene signature-based model in detecting Hepatitis A and its in vivo application in real time to make safe drugs
    - Establishment of an in vitro transgenic signature of bleomycin using a micro-patterned coulture system (HEPATOPAC) to design compounds early in discovery
  - Co-produced with ACS Division of Chemical Toxicology, ACS Division of Medicinal Chemistry, American Association of Pharmaceutical Scientists, and ACS Publications

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Managing the Life of an Early Career Researcher

Featuring Dr. Anubhav Saxena
Editorial Advisory Board, C&EN and ACS Omega;
R&D President, Pidilite

THIS ACS WEBINAR WILL BEGIN SHORTLY...
Managing the Life of an Early Career Researcher

Dr. Anubhav Saxena
Editorial Advisory Board, C&EN and ACS Omega; R&D President, Pidilite

Dr. Deeksha Gupta
Associate Director-India, American Chemical Society

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A career is a life-long Journey that is developed than chosen
CHALLENGES IN MANAGING EARLY CAREER

Myth vs. Reality

- **It’s just a job** (Job vs. Career)
- **Picking a career is simple** (by seeing others)
  - Focus on Strength’s based opportunity
- **My Degree will help me significantly in career and promotions** (Technical skills vs. Soft Skills and Attitude)

ROAD MAP FOR MANAGING EARLY CAREER CHALLENGES

<table>
<thead>
<tr>
<th>Reflect</th>
<th>Objective</th>
<th>Accelerate</th>
<th>Deliver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identify your strengths, opportunity and fulfilling career goal</td>
<td>Push boundaries &amp; define SMART career objectives</td>
<td>Build a right attitude/unique skills and identify mentor for validation</td>
<td>Focus, collaboration and practise continuous learning mind-set to achieve objectives</td>
</tr>
</tbody>
</table>
Which of the following do you believe is your BEST strength regarding managing your career?

- Reflect
- Objective
- Accelerate
- Deliver
- None of the above

*If your answer differs greatly from the choices above tell us in the chat!

BRING CLARITY AND DIRECTION TO YOUR CAREER

Reflect
Identify your strengths, opportunity and fulfilling career goal

My Strength
- What am I good at?
- Is there something better I can do in comparison to others?
- What are the achievement in my life that makes me proud?

My Weakness
- What do I need to work on?
- What type of tasks that I ignore when I am not comfortable or confident in doing that?
- What do people think about my weakness?

“Competition makes you better, even if your competitor wins” - Carlos Slim Helu
SKILL ASSESSMENT

Reflect
Identify your strengths, opportunity and fulfilling career goal

- Test both technical and soft skills
- Focus on job Specific skills vs. Generic skill
- Use appropriate skill assessment tools

# ACS Tool: Chemidip.acs.org

SMART Goals

Objective
Push boundaries & define SMART career objectives

Specific
Make your goals specific and narrow for more effective planning.

Measureable
Define what evidence will prove you’re making progress and reevaluate when necessary.

Attainable
Make sure you can reasonably accomplish your goal within a certain timeframe.

Relevant
Your goals should align with your values and long-term objectives.

Time-based
Set a realistic, ambitious end-date for task prioritization and motivation.
### MENTOR/MENTEE RELATIONSHIP TO ACCELERATE CAREER

**Mentor**

<table>
<thead>
<tr>
<th>Availability/Communication</th>
<th>Be able to meet with mentee and participate in the research program activities.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advisor/Facilitator</td>
<td>To help mentee to think, learn, and grow to his/her potential.</td>
</tr>
<tr>
<td>Advocacy</td>
<td>To support mentee in development of his/her profession and career.</td>
</tr>
<tr>
<td>Honesty</td>
<td>To provide honest and constructive feedback.</td>
</tr>
<tr>
<td>Role Model</td>
<td>To set example of values, ethics, and professional practices.</td>
</tr>
<tr>
<td>Networking</td>
<td>To help establish professional network with graduate students, peers, and colleagues within the University to enhance mentee’s career potential.</td>
</tr>
<tr>
<td>Being Informed</td>
<td>Be aware of the College and University policies and practices, and advise mentee on the issues.</td>
</tr>
</tbody>
</table>

**Mentee**

| Respect                     | To fully respect the mentor and appreciate his/her mentoring.               |
| Commitment                  | To fully participate in the mentoring relationship and the research program activities. |
| Responsibility              | To accept responsibility for his/her academic/career development.          |
| Honesty                     | To communicate honestly with the mentor(s).                                 |
| Proactive                   | To take initiative in seeking help and feedback from the mentor.            |
| Receptive                   | Be open and listen to mentor’s advice and suggestions.                      |
| Follow through              | To implement feedback and complete tasks.                                   |

“A mentor is someone who allows you to see the hope inside yourself” — Oprah Winfrey

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### ATTITUDE AND SKILL-SET TO ACCELERATE CAREER

**Skills Assessment**

**Importance for Successful Career**

Research conducted by Harvard University, the Carnegie Foundation and Stanford Research Center has all concluded that 85% of job success comes from having well-developed soft skills and people skills, and only 15% of job success comes from technical skills and knowledge (hard skills).

**Skills + Attitude**

Skills — Acquirability or experience to do well your required job
Attitude — Way of thinking or behaving needed to fulfill the responsibilities
“Attitude is a little thing that makes a big difference” — Winston Churchill

**IMPORTANCE OF FOCUS TO ACCELERATE CAREER**

“The successful warrior is the average man, with laser-like focus.” — Bruce Lee
HOW TO DEVELOP COLLABORATIVE MIND-SET?

Deliver
Focus, collaboration and practise continuous learning mind-set to achieve objectives

“Talent wins games, but teamwork and intelligence win championships.” — Michael Jordan

DEVELOP CONTINUOUS LEARNING MIND-SET

Deliver
Focus, collaboration and practise continuous learning mind-set to achieve objectives

“A person who never made a mistake never tried anything new.” — Albert Einstein
Deliver
Focus, collaboration and practise continuous learning mind-set to achieve objectives

“Continuous learning is the minimum requirement for success in any field.” – Brian Tracy

Audience Survey Question
ANSWER THE QUESTION ON BLUE SCREEN IN ONE MOMENT

Which of the following do you believe you need to improve MOST?

- Reflect
- Objective
- Accelerate
- Deliver
- None of the above

* If your answer differs greatly from the choices above tell us in the chat!
SUMMARY

You are responsible for your career
Take Ownership of Everything You Do

- Always focus on your strengths and continuous learnings
- Career is a long journey - Practice patience and perseverance
- Respect mentor and leverage effectively - Learn from feedback quickly
- Keep a positive attitude and gratitude

CONTACT DETAILS

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9620930011 (Whatsapp only)

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