RESOURCES FOR MEDICAL EDUCATORS

From clerkship rotations and conferences to exam prep and faculty development, we’re here to help.
Dear Colleague,

At ACP, we believe education is critical to care quality, professional well-being, and the advancement of our profession. To assist you in preparing learners for success, ACP has developed a comprehensive suite of resources for medical educators.

Our educational resources offer a portfolio of high-quality, original, cutting-edge teaching tools that help you stay current in the ever-changing landscape of academic medicine.

This brochure outlines the breadth of ACP programs available to educators across all aspects of medical education. It also includes tips to help you use these resources to:

- Meet accreditation requirements
- Identify and remediate learners’ knowledge gaps
- Supplement and support your curriculum
- Teach evidence-based medicine and clinical reasoning
- Teach professionalism, systems-based practice, and quality improvement
- Provide opportunities to demonstrate scholarship
- Help your learners pass examinations
- Support faculty development
- Identify tools and resources for lifelong learning

We hope you will find these resources beneficial and consider us a trusted partner in your medical education programs. If you have any questions about the teaching tools listed in the brochure, have suggestions for additional resources, or would like to talk about other ways ACP can support you and your learners, please don’t hesitate to contact me at dchick@acponline.org.

Sincerely,

Davoren Chick, MD, FACP
Senior Vice President, Medical Education
American College of Physicians
TABLE OF CONTENTS

Identify Learning Gaps ................................................................. 2
Enhance Your Curriculum .......................................................... 4
  • Lecture Slides
  • Prepackaged Mini-Curricula
  • Syllabus Development
  • Evidence-Based Medicine
  • Interactive Learning Tools
Prepare Trainees for Exams ....................................................... 12
Demonstrate Scholarship/Enhance Your CV .............................. 14
ACP Publications to Enhance Medical Education ..................... 16
Resources for Chief Residents .................................................. 17
Refine Clinical Teaching Pearls ............................................... 18
All-Inclusive Resource Chart ..................................................... 24
IDENTIFY LEARNING GAPS

The Internal Medicine In-Training Examination® (IM-ITE®) is developed by the American College of Physicians in collaboration with the Alliance for Academic Internal Medicine. The IM-ITE is modeled after the American Board of Internal Medicine’s Certification Examination and administered annually at each residency program training site during a prescribed examination window. Evidence has shown that the IM-ITE is the strongest-known predictor of ABIM Certification Examination performance.

Developed by a committee of physician-experts in 11 subspecialty areas of internal medicine, the IM-ITE consists of 300 questions administered over 9.5 hours (with breaks). The test questions are developed with second-year residents in mind and cover a wide spectrum of knowledge in internal medicine, including acute and chronic care, inpatient and ambulatory problems, and essential clinical skills. All of the scored questions used in the IM-ITE are pretested to ensure an extremely high level of test reliability and validity.

IDENTIFY LEARNING GAPS

Use the score reports to provide educational counseling to residents, develop curricula, and validate the need for planned curricular changes. View the percentage of questions answered correctly by each examinee and their percentile rank. Review each resident’s list of structured educational objectives associated with incorrectly answered questions to develop personalized learning plans. Identify common gaps so you can adjust your curriculum accordingly.

TIP:
Although the IM-ITE is typically given in the second year, residents at all postgraduate training years are encouraged to participate annually to identify areas for improvement, set goals, and track progress over time. Faculty can also participate to identify their own learning gaps.
Medical Knowledge Self-Assessment Program® (MKSAP®)

MKSAP is a continually updated, evidence-based body of knowledge organized into an all-inclusive learning system for both residents and practicing physicians. This premier educational tool has recently been enhanced to help educators identify, assess, and remediate knowledge gaps in your program.

How to Identify Learning Gaps

1. **New!** Use the MKSAP Residency Tracker feature to assign work and monitor progress at both the program and individual level. Develop individualized learning plans and assign required questions to provide targeted guidance and feedback.

2. Flip the classroom! Assign a custom quiz or group of questions to your residents before a small-group learning session and ask them to identify questions they struggled with or want to discuss in more detail at their session.

3. View progress reports on an individual and group level.

4. Review residents’ responses to individual questions to identify potential learning gaps and areas of confusion on important content areas.

**TIPS:**

1. Begin your resident report with a MKSAP question related to one of your cases to actively engage learners in the subject matter.

2. Use MKSAP to update your own knowledge, earn CME credits, and address your maintenance of certification requirements.
ENHANCE YOUR CURRICULUM

Lecture Slides

In the Clinic
This monthly feature of Annals offers a deeper dive into common clinical conditions. More than 150 topics have been covered to date, so there is a large body of work to search in addition to new topics discussed each month. Each In the Clinic feature includes evidence-based answers to frequently asked questions about the condition and addresses the issue from screening to follow-up.

TIP:
In addition to assigning learners In the Clinic as reading material, use the trigger questions from Annals for Educators to facilitate discussions during teaching sessions and rounds.
Board Prep Curriculum
Foster group learning through interactive questions that have been curated and peer-reviewed by educators like you. Ideal for residency programs, this is the most comprehensive prepackaged course in internal medicine to prepare for the board certification exam. It is also useful in preparing lectures.

- Course map is provided
- Based on the ABIM blueprint
- 98 hours of interactive content broken down into one-hour lectures
- 3,300+ slides with case-oriented questions

TIPS:
1. The Board Prep Curriculum can be used in any setting—for a complete local course, to launch individual lectures, or even during a noon conference.
2. Encourage individual use by your residents as review material for their courses or for the certification exam. The curriculum is purchased based on having a “.edu” email address. Therefore, residents with the same “.edu” extension can access the curriculum at any time to review the 230+ sample questions.
Prepackaged Mini-curricula

Critical Care Video Shorts
New! An innovative way to prepare your interns for their initial critical care rotations, or provide a review of important critical care topics for more advanced residents and practicing physicians.

This unique training series provides essential content needed for intensive care practice. Presented in 2- to 5-minute key segments in an engaging animated white board style, these high-quality, educational videos can be viewed any time, in any order, and are mobile friendly.

TIP:
Encourage your learners to watch a video and then teach the content to their peers during rounds.

Caring With Compassion for the Underserved
New! This comprehensive, web-supported curriculum contains approximately 10 hours of case-based content focused on caring for socioeconomically disadvantaged patients. The course addresses public insurance and public health delivery systems, social determinants of health, team care, biopsychosocial health, and special biomedical concerns for homeless populations. A complete guide for educators is included.

TIPS:
1. Encourage your learners to use the free, individualized learning dashboard to share their progress with you for documentation of completion.
2. Use the supplementary “Care Consequences” game to encourage active learning in a fun, low-risk format.

High Value Care
Developed jointly with the Alliance for Academic Internal Medicine (AAIM), ACP offers three different high value care curricula to medical students, residents, and second-year subspecialty fellows. Designed to help trainees learn how to evaluate the value of their care, each curriculum addresses systems-based practice and practice-based learning and improvement—knowledge that is excellent preparation for the transition from fee-for-service to value-based payment.

TIPS:
1. Each of the 6-7 modules per curricula can be presented independently. The accompanying curriculum guide gives ideas for presentation to maximize active learning opportunities.
2. The resident and subspecialty fellow curricula include faculty toolboxes that include pre- and post-surveys so you can assess the effectiveness of the curriculum. Additional resources can help you address competence milestones in high value care.
Syllabus Development

**ACP Journal Club®**
This monthly *Annals of Internal Medicine* feature highlights 10 high-quality, clinically relevant articles from over 120 journals that internists should know about.

**TIP:**
When developing your syllabus, use ACP Journal Club to identify articles relevant to your content area. Then use the content and analysis to launch a teaching discussion.

**ACP JournalWise®**
A literature alert service that lets you personalize how you receive new articles by selecting specialty areas, clinical topics, article quality, journals, and alert frequency.

**TIPS:**
1. Set your preferences to identify articles relevant to your teaching activities. Don’t miss sharing important new information with your learners.
2. Create and share folders of articles with your trainees for journal club, morning report, or teaching rounds.
Evidence-Based Medicine

ACP Clinical Guidelines and Recommendations
Applicable to all levels of training, ACP’s Clinical Guidelines and Recommendations provide unbiased, evidence-based material to support rational conclusions and recommendations. They meet the standards for development as set by the National Academies of Medicine and the Guidelines International Network and provide a solid framework for teaching clinical reasoning.

Topics include lower back pain, diabetes, and depression.

TIPS:
1. Use ACP’s related mobile app to easily search and present guidelines while teaching at bedside or on rounds.
2. Many of our guidelines link to ACP’s related patient education materials to further your discussions about how to address ongoing care with patients.
Annals Resources for Educators

In addition to In the Clinic (page 4) and ACP Journal Club (page 7), get access to evidence-based content across the spectrum of internal medicine from a variety of Annals-branded resources, applicable to all levels of training.

TIPS:

1. Sign up to receive Annals for Educators emails. This twice-monthly email alert can help reduce prep time by offering tips for using selected Annals articles in your teaching activities, including clinical topics as well as humanism and professionalism in medicine.

2. Engage your learners with Beyond the Guidelines. Each multimedia feature in the series includes patient interviews and debates by clinical experts to help work through clinical reasoning techniques. Questions are provided to challenge learners about real patient cases whose situations don’t fit traditional guidelines.

3. After watching an episode of Annals Consult Guys, our popular consultative medicine talk show, use the related key resources and multiple-choice questions for use in the classroom.

4. Host a journal club by presenting a patient on your service with a diagnosis related to a recent Annals article or systematic review; ask learners to assess the strengths and weaknesses of the study and whether the results apply to your patient.
Interactive Learning Tools

Doctor’s Dilemma®
Foster healthy competition among your residents by arranging them into teams and conducting a live “medical quiz bowl.” Use questions from ACP’s Doctor’s Dilemma mobile app or from MKSAP to set up your game, and then send the winning team to compete at your local chapter meeting. Chapter winners are eligible for the national competition.

TIPS:
1. Give categories to your residents in advance to stimulate learning.
2. Use audience response systems to engage larger group learning.
Getting it Right: Cases to Improve Diagnosis

Developed in collaboration with the Society to Improve Diagnosis in Medicine, these interactive case studies address the diagnostic process and how problems can occur. They encourage thinking around diagnostic decision-making through recognition and analysis of diagnostic errors and how to respond to them.

**TIP:**
Start your conference with one of these patient cases and discuss how potential diagnostic errors could affect the patient as well as the learners’ daily practice of medicine.

Annals Virtual Patients

This innovative program simulates the clinical experience, allowing participants to evaluate, diagnose, and treat a virtual patient, creating a distinct path for the physician and the patient based on the decisions made. This interactive learning opportunity fosters instruction of clinical reasoning.

**TIP:**
Work through a virtual patient case with your learners and discuss each decision, why it was made, and why it led to the next decision point and the final outcome.
PREPARE TRAINEES FOR EXAMS

Medical Knowledge Self-Assessment Program (MKSAP)

Prepare your residents for the ABIM certification exam with MKSAP, the most trusted internal medicine self-assessment program. MKSAP 18 provides an individualized dashboard to track learning progress. For MKSAP Complete subscribers, adaptive flashcard technology supports recall of key information. All ACP Resident/Fellow Members will also receive a complimentary copy of Board Basics (available in print or e-book) with their MKSAP 18 subscription, providing them with proven test-taking strategies, study tables, and additional case histories for review. Plus, we offer a money-back guarantee.

TIPS:
1. Residency programs receive a discount on bulk purchases of MKSAP for their residents.
2. MKSAP is also useful for identifying learning gaps; see page 3.
Live Board Review Courses
Offered regionally between May and July, ACP’s live board review courses are the most cost-effective, in-person, initial certification preparation courses available for first-time test-takers.

ACP Board Prep Ace: Certification
Residents can study at home and at their own pace. This 45-hour program includes recordings of our live courses broken down into 49 lectures, with online prompts to answer questions as they navigate the course.

TIPS:
1. Both our live courses and ACP Board Prep Ace include a set of more than 200 digital flashcards to reinforce key concepts prior to the exam.
2. ACP offers a board prep guarantee with our courses and recordings—if your learner attends a course and does not pass the ABIM exam, they can attend another course for free or obtain free access to Board Prep Ace within a year of their ABIM failure notification date.
Abstracts Program
ACP offers abstract competitions locally within its chapters as well as nationally at the annual ACP Internal Medicine Meeting.

Learner Involvement
- Medical students, residents, and subspecialty fellows are eligible to submit content in the categories of Basic Research, Clinical Research, Quality Improvement-Patient Safety, High Value Care, and Clinical Vignette
- Selected abstracts are eligible for poster presentation and the top winners give podium presentations, both of which are valuable additions to their CV and demonstrate scholarship
- The national program now offers an electronic submission platform, making it even easier for your trainees and young faculty to submit their work for consideration

Faculty & Early Career Physician Involvement
- Early-career teaching faculty are also eligible to submit abstracts to ACP’s national competition in the same categories
- Established faculty are encouraged to volunteer as judges for both local chapter and national competitions, growing their professional connections while enhancing their CV
**Doctor’s Dilemma Competition**
Recognize scholarship by sending the winning team from your institution to compete at your local ACP chapter competition. If they win the local competition, they’ll be sent to the national competition and gain further exposure.

Volunteers are also often needed at each level of the competition. (Note: for more details on how to use Doctor’s Dilemma to engage learners within your program, see page 10.)

**Innovation Challenge**
Learners, medical educators, and practicing clinicians are invited to submit an application to the annual ACP Innovation Challenge, a “Shark-Tank” style competition featured during a session at the annual Internal Medicine Meeting.

The session will showcase the best and brightest who have the potential to transform the practice of internal medicine on a national level. Selected finalists present their projects to a distinguished panel of judges who ask challenging questions and provide candid feedback in front of a live audience. The national grand prize is awarded by the judges, and a smaller prize is awarded to an audience-selected winner.

**Submit Content to Annals for Potential Publication**
*Annals of Internal Medicine* seeks submissions of cover photos, On Being a Doctor narratives, graphic narratives, case reports, brief reports, letters, and more.

Noteworthy research articles may also be submitted to *Annals of Internal Medicine*. The overall acceptance rate of original research articles in *Annals* is highly competitive; however, authors receive a copy of the peer reviewers’ comments on their article so they can make improvements if it is not selected for publication.

Visit [acponline.org/authors](http://acponline.org/authors) to learn more about the submission process.
ACP PUBLICATIONS TO ENHANCE MEDICAL EDUCATION

Teaching Medicine Series
Written for educators across the spectrum of academic medicine, ACP’s Teaching Medicine 7-book series summarizes the collective experience and wisdom of expert medical educators. Topics include theory, practice, methods of teaching medicine, teaching in the office or hospital, teaching clinical reasoning, and mentorship.

Additional Publications of Interest
These ACP publications are also useful in the classroom or as ancillary reading material for your learners:

- ACP Handbook of Women’s Health
- Bedside Ultrasonography in Clinical Medicine
- How to Report Statistics in Medicine
- How to Write, Publish, and Present in the Health Sciences
- Physician’s Guide to End-of-Life Care
- Practical Office Orthopedics
- Principles and Practice of Hospital Medicine
- Psychiatry Essentials for Primary Care
RESOURCES FOR CHIEF RESIDENTS

ACP Chief Resident’s Corner
ACP provides resources specifically to help Chief Residents in their teaching role. These include:

- Content focused on how to test and assess resident knowledge and skill levels
- Prepackaged slides on how to present as a physician
- Webinars on transitioning from evaluated to evaluator, bedside teaching, and making your lectures pop
- Regular e-newsletters with tips and tools for Chiefs
- Podcast series available exclusively to Chief Residents
- Scholarship program for Chiefs to help teach popular clinical skills workshops under the guidance and mentorship of expert faculty at the annual ACP Internal Medicine Meeting

Visit acponline.org/chiefscorner to access these resources and more.
REFINE CLINICAL TEACHING PEARLS
While Earning CME and MOC

Online Learning Center
Access a dynamic collection of more than 350 interactive learning activities. Sourced from over 20 ACP resources, the highest-quality education is available in an online, modular learning format. You can earn CME credit and MOC points for most activities. Meet state-based requirements for Ethics & Professionalism, Pain Management, Opioid Management, Human Trafficking, and more.

Internal Medicine Meeting
ACP’s annual Internal Medicine Meeting is the premier educational event in internal medicine. The meeting spans three days of intensive learning and offers over 200 scientific sessions. It’s an opportunity for all of internal medicine to share knowledge, exchange ideas, experience a sense of collegiality, and earn MOC/CME points.

Internal Medicine Meeting Recordings
Get the key takeaways from ACP’s annual Internal Medicine Meeting with recordings available in either video or audio format. A variety of packages are available, all of which allow you to create a learning schedule that meets your needs. CME credit and MOC points are available.
Podcasts
Whether you’re interested in lively discussions on clinically influential *Annals* articles, the history of medicine, or informal dialog and interviews with internal medicine experts addressing the wide scope of internal medicine practice, ACP has a podcast for you. ACP members: listen, learn, and earn free CME credit and MOC points when you engage with one of our three podcasts: Annals On Call, Bedside Rounds, and The Curbsiders.

Annals for Educators
In the Clinic articles appear in the first-of-the-month print issues of *Annals of Internal Medicine*, and are developed by the editors in collaboration with external physician writers. They provide evidence-based, practical information on common problems encountered by practicing generalists or hospitalists. Some of In the Clinic’s source material includes MKSAP, ACP clinical guidelines, and practice improvement modules. A MKSAP-based quiz accompanies each issue and includes 4-5 questions, allowing readers to obtain CME and MOC points upon completion.
MEDICAL EDUCATION SUPPORT

Advocacy and Public Policy
ACP has an ongoing commitment to support and improve the graduate medical education (GME) system. We have published policy papers and conduct ongoing advocacy about GME financing, redesigning residency training, addressing the resident physician shortage and other workforce needs, opposing the immigration ban in terms of its impact on medical education, medical student personal and family leaves of absence, and more.

Relationships and Collaborations
ACP has excellent relationships with medical education organizations, such as the Alliance for Academic Internal Medicine and Society for General Internal Medicine, ensuring our voice is heard. We have also collaborated with more than 45 professional medical societies on a number of public statements that impact internists and our patients.
Annals Fresh Look

This new Annals blog is a forum for thoughts and reflections on Annals content written by residents, subspecialty fellows, and other early-career physicians in general and subspecialty internal medicine. Medical students, medical educators, and others interested in the training and experience of early-career physicians are also welcome to submit content. Encourage your learners to read the content and interact with colleagues, and encourage faculty to read the blog so they can learn about and understand the perspectives of their trainees.
Rewards Programs

Internal Medicine Interest Group (IMIG) Sponsorship Program

The IMIG Sponsorship Program provides funding, resources, and learning opportunities to U.S. medical school groups to support their interest in internal medicine. Clubs complete an online application on an annual basis. This entitles them to $200 in initial funding at the beginning of the academic year, and an opportunity to earn additional support based on their recruitment of ACP Medical Student Members.
**Reward-a-Resident Program**  
*Formerly known as Recruit-a-Resident*

If 90% or more of a participating program’s categorical internal medicine or medicine-pediatrics residents are ACP Resident/Fellow Members in good standing when the recruitment period closes (December 31, annually), that residency program will achieve Rewards status. Each resident in that program will then receive a selection of free educational resources, including:

1. Unlimited program-wide access to ACP’s new Critical Care Video Shorts  
2. ACP Internal Medicine Meeting handouts  
3. In the Clinic Compendium  
4. Procedural Short videos
<table>
<thead>
<tr>
<th>Audience</th>
<th>Teaching Method/Task</th>
<th>Education Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical Students</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Residents</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Subspecialty Fellows</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faculty</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audience Response</td>
<td>Enhance Syllabus/ Curriculum</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Flipped Classroom</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Interactive/Blended and Online Class</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Launch a Lecture</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Run a Journal Club</td>
<td></td>
</tr>
<tr>
<td>Run Resident Report</td>
<td>Assess and Remediate</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Medical Knowledge</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Demonstrate Scholarship</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Prepare Learners for Exams</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Support High Value Care/Quality Improvement</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Teach Evidence-Based Medicine</td>
<td></td>
</tr>
</tbody>
</table>

**ACP Abstract Competitions**

**ACP Clinical Guidelines/Guidelines App**

**ACP Journal Club**

**ACP Journalwise**

**ArtsFlashLook**

**Arts in the Clinic**

**Arts and Resources for Educators**

**Arts Virtual Patients**

**Board Prep Curriculum**

**Board Review Courses/Board Prep Ace Recordings**

**Caring with Compassion for the Underserved**

**Critical Care Video Shorts**

**Doctor's Dilemma**

**Getting Right: Cases to Improve Diagnosis**

**HVC Curricula**

**Innovation Challenge**

**Internal Medicine In-Training Exam (IM-ITE)**

**Internal Medicine Meeting scholarships for Chief Residents**

**Internal Medicine Meeting tracks for students and residents**

**MKSAP (Basic Residency Tracker)**

**INNOVATIVE AND CUTTING-EDGE SOLUTIONS FOR ACADEMIC MEDICINE**

- Enhance Syllabus/Curriculum
- Flipped Classroom
- Interactive/Blended and Competition
- Launch a Lecture
- Run a Journal Club
- Run Resident Report
- Assess and Remediate Medical Knowledge
- Demonstrate Scholarship
- Prepare Learners for Exams
- Support High Value Care/Quality Improvement
- Teach Evidence-Based Medicine