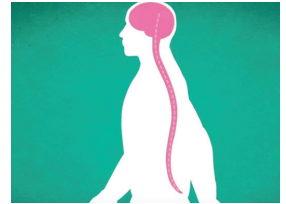
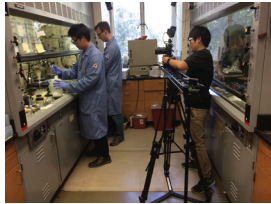


Academic Media Technologies (AMT)

supports Caltech faculty, students, staff, divisions, research centers, and JPL, as well as non-academic groups such as DIR, Student Affairs, and the Office of Strategic Communications.

- Creates award-winning videos and animations for news, marketing, event, and outreach purposes
- Generates figures, illustrations, and animations for scientific publications and videos
- Records, live broadcasts, and provides audio visual support for on-campus lectures and events
- Realizes Caltech faculty's vision for their online courses
- Offers technical event management, including needs analysis and consultation
- Designs and implements new audio visual systems for classrooms, lecture halls, and meetings spaces



VIDEO PRODUCTION

Storytelling + News + Promos + Animations

Pre-Production:

- Creative brief development
- Storyboarding and script collaboration
- Location scouting
- Scheduling
- Recording releases

Recording:

- 4K, DSLR, and studio cameras
- Boom, lav mics, field recorders
- Cineslider, Glidecam, shoulder rigs
- On-camera interviews
- Vocal booth and voice-over narration

Post-production:

- Graphic design
- Animation and motion graphics
- Color grading and audio mastering
- Editing and encoding
- Closed caption generation
- Online distribution to YouTube and social media
- Blu-ray and DVD mastering
- Digital archiving assistance

Events + Lectures + Highlights + Live Broadcasts

Pre-event:

- Event flow and Run-of-Show creation
- Presenter rehearsals and coaching
- Event teasers and promo production

Content Preparation:

- Presentation design and assistance
- Event media creation: video, audio, graphics
- Presenter media transcoding
- Promotional content

Recording and Broadcasting:

- Studio cameras, including multi-cam
- Roving cameras: DSLR, 4K
- Image Magnification (IMAG)
- Production truck (off-campus rental)
- Live stream: Ustream, Facebook Live
- Fast turnaround event highlights
- Additional post-production as listed above

MOOC + Online Courses

Recording:

- On-campus studio: professional backdrops, teleprompter, mics, lights, studio cameras
- Portable recording kit: HD camera, lav mic, tablet, lights, backdrop, software
- Custom recording solutions and faculty training
- Promo video creation

Online course building + in-session monitoring:

- Course graphic design
- Video module editing
- Transcript and caption creation
- Course content design
- Discussion boards monitoring
- Technical and developer liaison with Coursera and edX

Audio Visual Support + Installation

Audio Visual support:

- Technical event coordination
- Sound systems and mixing boards
- Projection
- Lecterns + Caltech signage
- Laptop connection to displays
- Flat screens (off-campus rental)

Installation:

Implementing new technologies and capabilities in auditoria, conference rooms, and meeting spaces including:

- Flatscreens and projectors
- Updated cables and connections
- Wireless connectivity to multiple displays
- Lecture capture hardware



AMT implements creative, innovative, and tech-savvy solutions to support Caltech's research and education mission, development, and outreach.