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| Name | Title | Amount of Time | Activity? | Key Concepts |
| Nathan Urban | Climate Prediction with Computer Modeling | 30 minutes | none | Temperature, energy, heat, power, infrared radiation |
| Nomita Vazirani | Coding with Python | 1 hour | none | Coding for-loops while-loops |
| Jeph Wang | Fast Camera Demo | 1-2 hours | yes | Micro/nanometers/seconds |
| Nicole Lloyd-RonningCan do June 11, 17, 18 | Black Holes, GW & Bling in Space | 1 hour | Yes | Gravity, light, magnetic field, atoms, energy, proton, neutron, electron |
| Magdalena Dale | Potato lemon Electricity ORWind turbines | 1 hour | Yes |  |
| Scott Crooker | Electricity/Magnetism | 1 hour | Yes | Maglev, magnet race in metal tubes |
| Tiffany Desjardins | Intro to Electromagnetism | 30 min | DemosYes | Magnets, field lines, poles |
| Esther Thompson +4Can do 6/16-21 | Electroscopes/Radioactive Decay | 1.5 hours | DemoYes | Radioactive decay, static charge, EM |
| Andrew Garmon | Math Tricks? | 30 minutes | No |  |
| Wendy Caldwell | Modeling Crater Formation | 1 hour | Partial | Pressure, temperature, velocity, density, energy |
| Alice Smith | The Women of the Manhattan Project  | 1 hour | lecture |  |
| Matthew Carpenter | Radiation Detection & Measurement | 1 hour | DemoYes | Photon, atom, electron, energy, voltage, current |
| Stacy Copp | Fold-a-Scopese | 2 hours | yes |  |
| Laurie WatersJune 18 | Light, Color & Sparkles | 2-3 hours | Yes | Energy and work |
| Katie Mussack Tamashiro | Any physics demo | 30min | Demo | As needed |
| Steve Myers | Radiation DetectionGamma Ray Spectroscopy | 1 hour | DemoYes | Radiation, gamma rays, neutrons |
| Michele DeCroixCan’t do 6/20-21 | Combustion with Candle Flames | 1-1/2 hour | Demo | Fire, combustion |
| Alan Hurd | Interviewing etc. | As needed |  |  |
| Eloisa Zepeda-Alarcon | Diffraction of Light | 30 min | Demo | Waves/light, materials composition |
| Ning XuCan’t do 6/13-14 | Mars Rover Battery | 30 min | Demo | Energy, plutonium, Mars Rover |
| Vivian Zapf | Magnetism Liquid Nitrogen | ½-1 hour | Yes | Magnetic spin |
| Hai Ah Nam | Computer Science  | All day | yes |  |
| Keith Stephens | Vacuum/gasses/cryo/motors | 2 hours | Yes | Building motors/vacuum & gasses demos |
| Maria Campbell | High Explosives & Shape Charges | 45 min | No  |  |
| Marein Rahn | Scheinfragen to Synchrotrons | 45 min | No | Atoms, synchrotron radiation, quantum materials – physics fundamentals |
| Dan Reisenfeld | The Cassini Mission of Saturn | 1 – 1.5  | No | NASA Missions etc…. |
| Jenelle Mann | Radiatioin Protection Overview | 1-2 hrs | Yes | Radioactive materials, decay, half life, terrestrial radiation, cosmic radiation, attenuation |