

To apply for a GPE Fellow position: Submit an updated resume and cover letter to [gsasprofessionaldevelopment@yale.edu](mailto:gsasprofessionaldevelopment@yale.edu) with the subject header “[Name of Fellow position]” by Sunday, July. 14 at 11:59 p.m.

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## **Graduate Research Assistant - Yale Ancient Pharmacology Program-Yale Peabody Museum**

**Mentor: Dr. Andrew Koh, Museum Scientist, Principal Investigator, Yale Ancient Pharmacology Program-Yale Peabody Museum**

**Fellow Title: Graduate Research Assistant**

**Organization Name:**

Yale Ancient Pharmacology Program-Yale Peabody Museum

**Organization Website:**

<https://peabody.yale.edu/explore/research/yale-ancient-pharmacology-program>

**Organization Description:**

Based in the Yale Peabody Museum, the Yale Ancient Pharmacology Program (YAPP) is a scientific effort to unlock the complex history of organic materials created and consumed in the ancient world. Our principal tool, organic residue analysis (ORA), draws phytochemical fingerprints from ancient artifacts to identify botanical ingredients once held in ancient containers. These contents can range from simple commodities like olive oil to mixtures of obscure aromatics, complex wines, and potent medicines. Using a unique, multi-nodal approach that integrates ORA data with textual sources, chemical references, ethnobotanical data, and ancient iconography, YAPP attempts to reconnect organic ingredients with the people that used them, unearthing the ecological, social, and cultural landscapes of antiquity.

**GPE Fellow Responsibilities:**

The Graduate Research Assistant [GRA] position at the Yale Peabody Museum’s Yale Ancient Pharmacology Program [YAPP] offers students an exciting opportunity to work with a boundary-pushing archaeochemist, an ambitious team of undergraduate research assistants, and objects from one of the richest collections in the University.

**Desired GPE Fellow Qualifications:**

Yale University graduate students who are pursuing a Ph.D. in any discipline and possess relevant skills and knowledge may apply for the Graduate Research Assistantship. Prior experience with chemistry, archaeology, anthropology, Near Eastern Languages and Civilizations, or classics is preferred.

**GPE Fellow Learning Objectives:**

The GRA will work with Dr. Andrew Koh and Program Manager Chris Renton inside the newly renovated Peabody Museum and at Yale's West Campus assisting with and facilitating ongoing YAPP research and supervising a growing student research team. YAPP research includes new technological approaches to organic residue analysis [ORA], ethnographic and ethnobotanical inquiry utilizing historical texts and herbarium specimens, and fieldwork in Greece and other ancient sites.

**Number of Available Positions:**

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