

1981

The Hawaii Experience

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Recommended Citation

(1981) "The Hawaii Experience," *Iowa Science Teachers Journal*: Vol. 18 : No. 1 , Article 6.

Available at: <https://scholarworks.uni.edu/istj/vol18/iss1/6>

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second try, 95 percent of the students were able to identify both materials. Since this was a trial unit, no formal test was given. None of the 40 students had to ask how to interpret the results. Some students actually reached the point of taking over and running the entire operation of the machine by themselves. A survey that was handed out indicated that only 1 of the 40 students felt rushed and confused.

This unit will be done again. The interest level shown was extremely high and, since the experiment was done, students have constantly referred back to the machine and have asked more questions about what the machine can and cannot do. We now plan to expand the unit for blood alcohol level determination and hope to include a reaction completion monitoring experiment using esters.

References

- Bauer, H., G.D. Christen, and J.E. O'Reilly. 1978. *Instrumental Analysis*. Allyn and Bacon pp. 678-708.
- Willard, H.H., J.A. Dean, and L.L. Merritt. 1965. *Instrumental Methods of Analysis* (4th ed.). Van Nostrand-Reinhold pp. 495-524.

The Hawaii Experience July 16-29, 1981

For the second year, a special program will be offered from July 16-29, 1981, to provide educators with the opportunity to study in Hawaii, earn university credit and enjoy the environs of Hawaii.

Last summer, 16 participants snorkeled their way in and out of the coral reefs, hiked Waipio Valley (including an optional hike to the base of the 1000 foot falls), descended into and hiked across the craters of Kilauea and Kilauea Kri, walked through a lava tube, swam in the Royal Bath, soaked in a natural "hot tub," made replication of petroglyphs, and visited the City of Refuge, Pearl Harbor, and the Polynesian Culture Center as well as other interesting sites. The islands of Hawaii and Oahu became "living laboratories" for their observations and field studies in geology, marine biology, biology and botany. Have you thought about planning your vacation around a similar workshop in Hawaii?

A pre-session was held to teach the fundamentals of snorkeling so that each participant could experience the "wonders of the deep." Selected readings and field projects enhanced the learning environment for participants. The program was flexible, allowing for participants to capitalize on their own interests and have some time on their own.

The program may be taken for graduate or undergraduate credit, although this is not essential. The program includes roundtrip air travel, instruction, lodging for five days at Waikiki Beach, ground transportation, most meals and some special activities. The cost based upon current airfare is \$1,150. For more information, contact: The Hawaii Program, 455 Physics Building, University of Iowa, Iowa City, Iowa 52242.