Clear Writing ⇔ Clear Thinking
writing in the content area
A Santa Fe Professional Development Workshop

Monday 2021-06-14, Tuesday 2021-06-15

The Institute for Computing in Research
The Computer Science Alliance
`https://computinginresearch.org/`
`mark@galassi.org`   `+1-505-629-0759`

```
def calculate_path_length(city_list):
    """Calculates the full length of a path through a list of cities,
    including the return home from the last city on the list."""
    total_length = 0
    for i in range(len(city_list)-1):   ## iterate up to the second-last city
        c1 = city_list[i]
        c2 = city_list[i+1]
        length = distance(c1, c2)
```

The Institute for Computing in Research and the Computer Science Alliance will host a professional development workshop, aimed at CTE teachers in Santa Fe. The course will be taught by:

Jenna Marshall Science writer and manager of communications, Santa Fe Institute.

Ed Fenimore Astrophysicist at Los Alamos National Laboratory, winner of the Rossi prize in high energy astrophysics.

Mark Galassi Astrophysicist at Los Alamos National Laboratory, and science and technical writer.

Our goal is to raise the awareness of writing as an important part of the technical and scientific training at all ages.

In this workshop we discuss how to train students aimed at technical fields in good writing practices. This will involve discussions of the writing process for reports, papers, books, as well as applications for university, jobs, and grants. We will demonstrate the relationship between these processes and the common core state standards.

There are no prerequisites except for being a teacher with an interest in clear communication. We also encourage teachers to send their students.

This workshop is free for teachers and students, but space is limited so please sign up by email soon! Individual make-up is possible if you have to miss some of the time slots.

Session 1 Monday 2021-06-14 — 3pm-5:30pm:

15:00 Mark Galassi "Getting the content written, and then improving it" and "What is your audience?".

15:45 discussion

16:00 Ed Fenimore "Training students to write technical articles".

Session 2 Tuesday 2021-06-15 — 3pm-5:30pm:

15:00 Jenna Marshall "From stones to house: The structure of scientific writing."

15:45 discussion

16:00 Ed Fenimore "Training students to write applications".