

# Poetic Science

## An Ode to IUPAC

by Jeremy G. Frey

Current world conditions  
Nicely demonstrate the need  
Start to nurture and grow the seed  
Lively response to take the lead  
Supporting chemical collaborations

Enabled by the digital computer age  
setting, refining, redefining standards  
help in solving the global hazards -  
energy, water, health and feed,  
we must not be bystanders

Setting chemists front of stage  
All invested in AI, not just from the tin -  
basic, fair, unbiased, explainable techniques begin  
decidedly changing our discipline  
a new variety for our digital orchard

AI - theory, computation and experiments allied  
to train the next generation,  
people and facilities, from sciences,  
arts and humanities—all crucial  
to inform the digital native of their chemistry

Without continued effort ideas wither  
dramatic short-term gains from individual drums  
others balanced by the longer-term outcomes  
collaboration, academic, industrial hums  
the whole community come hither

Chemistry, creative science,  
The future is bright  
Digital is the novel way -  
to decide what to make and measure  
Doing all this together

Success? Yes!—and IUPAC has its part to play

Jeremy Frey is a Professor of Physical Chemistry at the University of Southampton, and is involved in IUPAC activities through Division I, Commission I.1 and CPCDS and several projects for the Green and Gold Books.

This poem represents Jeremy's call to action to modernise the Union of Pure and Applied Chemistry (IUPAC). It was presented at Poetic Science on 11 March 2021; see more details at <https://jhgart/events/poetic-science/> The Poetry Night @JHG is also available at: <https://youtu.be/AcysRMF0bWw>

Photo by Luke Richardson (<https://unsplash.com/@lukealrich>)

