

# Academe's Sacred PseudoVerities

## Astronomy, Geography, Math, & Literature

### \$100,000 for Alternates to 13<sup>th</sup> Century BC Eclipses

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dioi@mail.com

Academe projects itself as guided by free speech, fairness to all, scrupulous refereeing, receptivity to new findings, refusal to banish ideas or scholars. Does reality accord with the advertisement? Or is remedying sometime shortfalls just too non-priority for presumed forces of self-correction? Given what follows, may we ask if such forces even exist.

College English Departments swear Shakespeare learned enough at Stratford Grammar School to account for the Shakespeare corpus' high erudition, so — *our universities are insisting on the non-necessity of a university education*. None connect colleague Jonson's witness, that Shakespeare had "small Latin", with Latin having been the language of instruction at British grammar schools (www.dioi.org/ji01.pdf, §I3) — where learning thus required facility with Latin.

Academe sees as nutsacrilege even *asking* if Shakespeare fronted for another, an issue taboo (*ibid* §W20) on college campuses *and newsmidia*, where none mention that *London's* #1 playwright, Cambridge University-educated Christopher Marlowe, vanished in 1593 *less than 2 weeks* ere Shakespeare's 1<sup>st</sup> work appeared, *in London*, as the top antiMarlovian admits (*ibid* fn 14). Even Westminster Abbey's Marlowe memorial questions his supposed 1593 death.

Historians push complex&shaky theories for 3<sup>l</sup>-accurate Great Pyramid-orientation, never citing that star 10i Dra yields a simple&sure solution, made prominently available to scholars (*Nature* 412:699; *Griffith Observer* 83.5:1-10).

The *Journal for the History of Astronomy* in 2009 usefully proved eclipse-gauged Spanish Empire longitudes' value, but created false systematic errors by innocence of Equation of Time: www.dioi.org/jhb.htm#jzzz. No *JHA* correction.

Sleep-refereed journals say Greek astronomers' observations were poor since rough (www.dioi.org/jg01.pdf §A1) or forced to agree with flawed theory by selection or fudgery (www.dioi.org/jL09.pdf, §A1), ignoring that Greeks knew latitudes to 1' accuracy, the Moon's distance to 2%, & *all 3 monthlengths to 1 time-second or better* (*ibid* §§A2&B).

Astrology-bible-author Ptolemy's 4 "observed" Sun-positions were 50 times nearer 280<sup>y</sup>-old indoor tables than to the outdoor sky (www.dioi.org/jm01.pdf, §G), yet AAAS' *Science* 193:476 calls him "The Greatest Astronomer of Antiquity" and (www.dioi.org/ns.htm) academe promotes slanderers (of his #1 exposé, Johns Hopkins physicist R.Newton) *who laud an astrologer and faker as The Greatest, even while actually smearing other people as cranks*.

Academe teaches that spherical trig originated c.100 AD & that no ancient correctly gauged the Earth's obliquity. Yet in 1934 the eminent philologist Aubrey Diller, not an anointed historian-of-science, proved that sphtrig calculations using accurate obliquity neatly fit Strabo-preserved latitude data of Hipparchos, c.135 BC. *DIO* later showed the theory fruitfully fit further such latitudes Diller didn't even know of, finally satisfying all 14 Hipparchos-Strabo data, *on-the-nose every time*. For 87<sup>y</sup> since 1934, historians-of-science, finding no mismath in Diller's key double-discovery, typically (www.dioi.org/sti56.htm#fgbd) resort to abuse, calling it "absurd", pushing their own people's 2 theories, *neither of which fit even 1/2 the same 14 data* (see www.dioi.org/jm03.pdf, fn 14; & Table 1 *with nonfit data in italics*).

Historians-of-science showed good judgement (www.dioi.org/jm03.pdf, §I38 & fn 110) in realizing that Greeks' macrogeographical unit, the stade, was 185 meters, but then went shunny in the head when *DIO* in 2014 unveiled the sole solution so far which precisely explains the 185m stade's origin: since c.300 BC Greeks divided numbers *and meridians* into 60<sup>ths</sup>, they (as moderns invented naut.mile&meter) used Earth's circumference: 40000000m/60/60/60 = 185m, implying (www.dioi.org/jl09.pdf, §F1) that: *ancient Greek surveyors measured Earth's size within 1%*.

Later Greeks' 2 standard Earth-circumference-estimates hugely disagreed with reality & each other: by 17%-40%. *Isis, J.H.A.*, AmerAstrSoc's Historical Astr.Division, etc, show no ability to check-compute that air-refraction's effect on Pharos-based data solves both circumferences to 1% (*Griffith Observer* 82.8 pp.9-16; www.dioi.org/jl08.pdf, §B).

In 1991, physicist DR's analysis of Hipparchos' eclipse trios (www.dioi.org/j139.pdf, §§K8&K9) showed he'd used a 158 BC S.Solstice with Kallippos' 365<sup>d</sup>1/4 year, neither adoption hitherto-known; but 14<sup>y</sup> later, 1900<sup>y</sup>-old papyrus *P.Fouad* 267A was revealed to have stated both. Not one historian-of-science admits either discovery's confirmation. (Universities' hermit history-of-science dep'ts are scientists-shy, being the only historians who fear their own subjects.)

In 2016 Dec, History of science Society's professedly-refereed *Isis* deemed "delusional" scientists' perception of accurate eclipse-based Greek longitudes: [a] haplessly-maplessly calling Kleomedes' correct Spain-vs-Persia 4<sup>h</sup> = 60° "badly overestimated"; [b] taking a 59 AD *solar eclipse as lunar* to demean Pliny's right-on 3<sup>h</sup> Naples-vs-Armenia eclipse gap (www.dioi.org/jm01.pdf, pp.4-5; *GrifObs* 82.8 p.16, 2018). Defenseless *Isis* hides: www.dioi.org/jm01.pdf.

Aristarchos-Archimedes' *Sandreckoner* ratio-equation, EarthSize/SunDistance = SunDistance/StarsDistance, has never been explained by academe. Yet man's vision-limit predicts just such equality from invisible diurnal-solar & annual-stellar parallax. *Sandreckoner* has each ratio > 1/10000. As it happens, man's visual acuity ≐ 1/10000<sup>th</sup> radians. So Aristarchos' universe was perceptively a trillion times larger than that of AAAS-fave Ptolemy: www.dioi.org/au.pdf.

Books say a geostatist discovered precession's Earth-wobble but geomobilist Aristarchos did so 150<sup>y</sup> earlier (*idem*).

In 2018, *DIO* sent to 1000 leading scholars our offer that, 'til 2020/1/1, we'd award \$100,000 for eclipse-pairs later than academe's 721 BC limit which explained 3 hitherto-mysterious Greek lunisolar speed-ratios finally solved by *DIO* via 13<sup>th</sup> century BC eclipses. These&offer posted at www.dioi.org/jm03.pdf, §§I36-I38. Not a cent has even been claimed, thus confirming Greeks used 13<sup>th</sup> century BC (Babylon) eclipse data, a discovery anathema to archonal historians-of-astronomy, who've never solved any of the 3 ratios. Our \$100,000 challenge stood winlessly to 2020/1/1.]

Academe's collapsed past false orthodoxies (www.dioi.org/jl07.pdf) caused unjust, often cruel shunnings, as rulerships suppressed the following as long as possible: 1. Heliocentricity. 2. Round Earth. 3. Hooke's preNewton inverse-square-gravitation discovery. 4. Meteors' celestial origin. 5. Bleeding's lethal folly. 6. France not Britain discovered planet Neptune. 7. Darwinism. 8. TyRex scavenged. 9. Continental Drift. 10. Amundsen North&South Pole priorities. 11. Phrenology's baselessness. 12. And Freudianism's. (*DIO* helped establish 6&10: *SciAmer* 2004 Dec p.98; *NY-Times* 2009/9/8 Science; 1996/5/9 p.1.) Can academics commit henceforth to being less cliquish&inertial and more fairminded than indicated by their past? What would be lost? Besides public mistrust. Even academe's harshest critics know it creates more than it destroys but (www.dioi.org/jm01.pdf, p.9) that's no excuse for fleeing selfexamination.