

Academe's Sacred Pseudo-Verities Long Lasting Crackpot Consenses Why Are Myths *PROTECTED* By Academe? Astronomy, Geography, Math, & Literature Reeeeally Dumb Ideas Pushed On High for Decades

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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 campuses & *newsmedia*, where none mention that capital-crimes-indicted spy & LONDON's #1 playwright, Cambridge Univ-educated Kit Marlowe, vanished in 1593 *less than 2 weeks* ere Will's 1st 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 shaky & far-too-complicated theories for 3'-accurate Great Pyramid-orientation, while star 10i Dra yields an easy, correct, prominent solution: *Nature* 412:699 (2001), *Griffith Observer* (2019) = www.dioi.org/g835.pdf.

The most expensive Historians-of-science insist (www.dioi.org/jb.pdf) that Babylonia was the source of rigorous Greek science, a prank pulled off by nonciting *DIO*'s simple-math-*precise* tracings of 10 anciently adopted period relations & 1^s-correct monthlengths (e.g., www.dioi.org/jm03.pdf §§G&I6&I16&I31-I38) by *attested* GREEK methods, while centrists' *speculative & UNattested* Babylonish methods haven't elicited *a single one*. The key 100 BC Babylonian cuneiform text BM55555's monthlength & yearlength have been traced unambiguously (*idem*) to **PRIOR** Greek sources (Aristarchos&Hipparchos), as lately acknowledged on the clay's tag at London's nonpareil British Museum. (Photo of clay&tag: www.dioi.org/cot.htm#xpn.d.) In their cocksurety, PanBabylonianists also too-unconsideredly regard as ignorably superficial a mass of symptoms of Babylon's primitivity (www.dioi.org/jb.pdf): no trig, no transit data, no idea of the planets' physical order, ignorance of cities' latitudes *including Babylon's own*, not even knowing the Earth is round! PanBabylonianism began 100^y ago when scholars found Greek numbers on cuneiform texts older than extant Greek sources & so *assumed* Babylonian primacy, neglecting the obvious: *hard clay outlasts papyrus*.

Ancient geographers' 0° meridian was the "Blessed Isles". All historians guess they're the Canaries, **800 miles north of where Greek maps put the Blessed Isles**, which was at the Cape Verde Islands: www.dioi.org/jm01.pdf p.8.

Astrology-bible-author Ptolemy's 4 "observed" Sun-positions were 50 times nearer 280^y-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*.

To excuse-defend Hist.sci-icon Ptolemy, allegedly-refereed academic journals&books *attestationlessly* claim Greek astronomical observations' normal accuracy was poor since routinely forced (www.dioi.org/jL09.pdf §A1) to agree with flawed theory — ignoring that, e.g., Greek astronomers determined solstices to 2^h accuracy, latitudes to 1', the Moon's distance to 2%, & **all 3 monthlengths to 1 time-second or better** (*ibid* §§A2&B). The most prominent (if lonely) alleged evidence for ancient Greek inaccuracy was part of the *Journal for the History of Astronomy's* would-be triumphant anti-R.Newton&*DIO* 1987 double-Pb paper (*JHA* 18:155&233) by James Evans (aptly anointed by O.Gingerich as *JHA* Editor in 2013), which points to the huge disagreement of Hipparchos' two lunar eclipse-measurements (146&135 BC) of Spica's longitude (*Almajest* 3.1). Evans' checked the method himself outdoors via 1981/7/16's eclipse, finding star λ Sgr's longitude comparably wrong. But the 3 observations' errors are all **larger than the 1/2-degree width of the Moon**: no one could make such an error even once, much less 3 times! Solution: both men just mis-signed lunar parallax. Their reported errors are a joke: respectively (www.dioi.org/jm03.pdf §B7) -33', +33', -40'. **Again: larger than the Moon itself**. When corrected for mis-signed parallax, the observational errors are instead merely -2', +2', +1', in-line (www.dioi.org/jm04.pdf p.100) with typical ancient Greek accuracy. (Brief analysis: www.dioi.org/jm03.pdf §B6; fuller: www.dioi.org/jg01.pdf.) Evans 1987 p.275 says "my notes from that evening" get his star's longitude "too small by about 40' ". When www.dioi.org/vols/w80.pdf (*DIO* 8) p.2 (1998 November) 1st partially cataloged Evans' mass of scholarly bloop [lots more at www.dioi.org/jhb.htm#vjcr] and his deliberately & unsubtly skewed non-citations, his reaction epitomized the bravery&honesty of his field by claiming¹ he'd just incuriously trusted 2nd-hand orders which luckily reached him ere he opened *DIO* 8. So he's stopped looking at *DIO* anymore, conveniently evading the impossible task of refuting its serial revelations of his cornucopia of bungles & (www.dioi.org/jm03.pdf fnn 10-11) what he evidently believes are subtle sleights. Evans has since repeatedly been sent *DIO*s which charge that he's hiding his "notes from that [1981 eclipse] evening" (*JHA* 18:275), but he keeps right on hiding them, while lacking the decency to retract his 1987 mis-claim that he produced key evidence for academe's durable lie of Greek nonempiricism, and so he **lets that botched & now-known-to-be-invalid evidence stand for decades** from higher concern for continuing his pseudo-verification of sacred myth than for historical truth. (Which at least exhibits integrity-consistency with his several plagiarisms: www.dioi.org/jm03.pdf fn 10.) Understand: ***we're here describing the most powerful&feared figure in history of astronomy today***, whose favor **decides the fates of its scholars**. There exists not the slightest visible hint that Evans-anointer Gingerich cares. Or anyone else in academe.

¹ Evans' transparent story is needlessly but helpfully detailed (in his [one-day-late for April 1] 1999/4/2 letter to inquirer Thurston [emph added]): "I have been told [the Publisher] printed a diatribe on the inside cover of *DIO* [vol.8], with the usual sarcasm and ridicule. [Even non-scientists can check Evans' integrity re "diatribe" by consulting vol.8's all-too-FACTUAL record of his scientific & even bibliographical sins. (In Hist.sci, criticizing maid-men = banishable.)] Life is too short [an alibi which verbatim-echoes fellow *JHA*-brave Swerdlow: www.dioi.org/jhb.htm#cdqm or www.dioi.org/j238.pdf §C29] to waste one's time on that sort of thing, so I've just thrown away that issue without opening it or looking at it." Evans is unaware that he is publicly confessing he's lowered himself to puppethood of archons ordering him not even to **look at heretical material**. Thusly Evans earned *JHA* Editorship. Academe shameless at emulating Goebbels' pyre & 1984's Memory Hole for intolerable truth: incinerate it.

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 satisfied Strabo-preserved Hipparchan 135 BC latitude data. *DIO* later found that 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 86^y 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) when 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^{ths}, they (as moderns created naut.mile&meter) used Earth's circumference $C = 40000000\text{m}/60/60/60 = 185\text{m}$, implying (www.dioi.org/jL09.pdf §F1): **ancient Greek surveyors had measured Earth's size within 1%**.

Sostratos' & Poseidonios' later successively-standard *C*-estimates hugely disagreed with reality & each other: by 20%&40%! *Isis*, *JHA*, AmerAstrSoc's Hist.Astr.Div, etc, have shown for decades **no ability to compute-verify DIO's decades-long-hermetically-Hist.sci-uncited** discovery that accounting for light-airbending's effect on two simple&distinct Pharos-based *C*-measures produces respective matches to within 1% for BOTH Sostratos' & Poseidonios' *C*-values: *Griffith Observer* 82.8 (2018) = www.dioi.org/g828.pdf pp.9-16.

In 1991, analysis of Hipparchos' eclipse trios (www.dioi.org/j139.pdf §§K8&K9) discovered his 1st solar orbit used a 158 BC S.Solst with Kallippos' 365^d1/4 year; but 14^y later, 1900^y-old papyrus *P.Fouad* 267A was revealed (*Archimedes* 23:1-10) to have **STATED both. Not one historian-of-science admits either discovery's confirmation.** (Historians of science are scientists-shy [www.dioi.org/hj.pdf], being the only historians who fear their own subjects.)

In 2016 Dec, History of science Society's pseudo-refereed *Isis* called "delusional" the perception of Gosselin (1790), current Max Planck Inst (Berlin) mathematicians, & *DIO* that Greek geographical longitudes were accurately eclipse-based. *Isis*' charge was launched by: [a] haplessly-maplessly calling Kleomedes' correct Spain-vs-Persia 4^h = 60° gap "badly overestimated"; [b] treating a 59 AD **solar eclipse as lunar**, ignoring Neugebauer 1975 p.668's warning of the difference's effect, though reference to that very page lies **in the author's own footnote 7!** All this, to demean Pliny's right-on Naples-vs-Armenia eclipse 3^h gap (*Griffith Observer* 82.8 p.16, 2018; www.dioi.org/jm01.pdf pp.4-5). Besides these 2 incredibly fatal foulups, advertising the amateurishness of all involved, 5 lesser but equally obvious errors (*ibid* p.8) eluded the article's **alleged review by at least 6 readers**. Informed of its disaster, defenseless *Isis* corrects nothing (www.dioi.org/jm01.pdf), **blithely uncaring that it is consciously misinforming its readers.**

Aristarchos of Samos (fl. 280 BC) is immortal to astronomers and indeed all scientists as the 1st **heliocentrist**. Yet leading historians-of-science have long treated him as a mixed-up worthless fabricator (www.dioi.org/je02.pdf §A & fn 70). But in 2002, *DIO* 11.1 †1 = www.dioi.org/jb11.pdf eqs.2-8 showed that c.280 BC (80^y before the hitherto-credited Babylonians), he'd ingeniously found both the synodic&anomalous months to 1^s accuracy or better!

Geostatist Hipparchos is oddly deemed geomobile precession's discoverer: 1°/100^y. But 150^y earlier geomobilist Aristarchos found 1°/100^y precession: www.dioi.org/j913.pdf §D5; www.dioi.org/jm03.pdf §G6 & **especially** fn 62.

In 1998 Neugebauer's Babylonianist acolyte, MacGenius Noel Swerdlow, decreed Aristarchos' heliocentric conception "useless" (www.dioi.org/jb.pdf §B7) compared to the true scientists who did omen-astrology in Babylon. Whose latitude they didn't even know (*idem*), since Swerdlow's Babylonian fellow genii thought the Earth was flat!

"Useless" Aristarchos' **heliocentric** equation, $\text{EarthSize}/\text{SunDistance} = \text{SunDistance}/\text{StarsDistance}$, is merely **key to the universe's size**. The equation means nought to historians-of-science though clearly saying **equally invisible** diurnal-solar & annual-stellar parallaxes (baseline/objectdistance), are each bounded by same human vision limit (www.dioi.org/g841.pdf). *Sandreckoner* compares each ratio to 1/10000, eye-acuity in radians (6000angstroms/6mm).

Which **heliocentrically** implies: the distance to the stars is 10000² Earth-radii, vs Neugebauer-Swerdlow's The-Greatest, Claudius Ptolemy, who **geocentrically**-estimated it at ordmag 10000 Earth-radii. So Aristarchos' universe was perceptibly&perceptively at least 10000 times wider than that of The-Greatest's, thus a trillion times its volume.

Due to overtrusting *Almajest* 3.7, academe recognizes no eclipse-report earlier than 721 BC as surviving down to classical times. But 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 — via the Greek method attested at *Almajest* 4.2&6.9 — alternatively explained three hitherto-mysterious Greek lunisolar speed-ratios, all three finally solved by *DIO* 2002-2003 via 13th century BC eclipses (www.dioi.org/jm03.pdf §§I36-I38), a discovery anathema to archonal historians-of-astronomy, who have never solved any of the 3 ratios. Our \$100,000 challenge stood until 2019's end. No winners.

JHA in 2009 usefully recovered eclipse-based Spanish Empire longitudes but imagined western Moon-rises (!), and created false systematic errors by innocence of Equation of Time: www.dioi.org/jhb.htm#jzzz. No *JHA* correction.

Orthodoxy says Newton discovered his First Law, gravity, & its inverse-square distance-dependence; yet original mss show that Robert Hooke was 1st for all three (Nick Kollerstrom *The Dark Side of Isaac Newton* 2018 pp.69&88).

Academe's collapsed past false orthodoxies (www.dioi.org/jL07.pdf) caused unjust, often cruel shunnings (or much worse), as conventional forces 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. Darwin's Evolution by Natural Selection. 8. Tyrannosaurus Rex scavenged. 9. Continental Drift. 10. Robert Peary's North Pole fake. 11. Richard Byrd's North Pole fake. 12. Roald Amundsen's ever-unique double-priority, 1st at **each** geographical pole: North AND South. 13. Phrenology's baselessness. 14. Freudianism's fraudulence. (*DIO* helped establish 6&10-12: *SciAmer* 2004 Dec p.98; *NYTimes* 1996/5/9 p.1 & 2009/9/8 Science; www.dioi.org/jo00.pdf details ultra-high academe's protection of Peary&Byrd hoaxes by hiding records & **threatening** Yale Univ Press.) Can academics commit henceforth to being less cliquish&fearbound & more fairminded than indicated by their past? What would be lost? Besides public mistrust. Even academe's harshest critics know it creates far more than it hides — but (www.dioi.org/jm01.pdf p.9) that's no excuse for fleeing selfexamination.