

Flourishing Together: The Role of Prosocial Behavior in Faculty Well-Being Within Higher Education Institutions

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ABSTRACT

Faculty well-being has emerged as a critical concern in higher education institutions globally, with increasing recognition that academic workplaces face challenges of burnout, isolation, and retention. This study investigates the relationship between prosocial behaviour—voluntary actions benefiting others—and faculty well-being within higher education institutions, employing the theoretical framework of Self-Determination Theory. Using a mixed-methods sequential explanatory design, data were collected from 427 faculty members across public and private universities in India, utilizing standardized measures of prosocial behaviour, psychological well-being, job satisfaction, and collegial relationships. Quantitative findings reveal a significant positive correlation between prosocial behaviour and faculty well-being ($r = 0.58, p < 0.01$), with basic psychological need satisfaction partially mediating this relationship. Qualitative interviews with 25 faculty members identified three key mechanisms through which prosocial behaviour enhances well-being: relational connection, meaning-making, and reciprocity cycles. The study contributes to understanding how "flourishing together"—collective prosocial engagement—may serve as an antidote to the isolation and competitive pressures endemic in contemporary academia. Findings have implications for institutional policies promoting collegiality, mentorship structures, and collaborative academic cultures.

Keywords: Prosocial behaviour, faculty well-being, higher education, Self-Determination Theory, collegiality, Indian higher education

1. INTRODUCTION

The contemporary landscape of higher education is characterized by intensifying pressures on faculty members: mounting research expectations, expanding administrative responsibilities, student mental health crises, and the lingering

transformations wrought by the COVID-19 pandemic. International reports consistently document elevated rates of burnout, psychological distress, and attrition among academics, with early-career faculty, women, and faculty from marginalized groups facing disproportionate challenges. In India, the rapid expansion of private higher education institutions—from 8,000 in 2001 to over 40,000 today—has created competitive academic workplaces where performance pressures often eclipse collegial support structures.

Yet amidst this sobering picture, emerging research points toward a promising counter-narrative: the potential for prosocial behaviour—defined as voluntary actions intended to benefit others, including helping, sharing, comforting, and collaborating—to serve as a buffer against workplace stress and a catalyst for well-being. Prosocial behaviour activates neural reward pathways, enhances social connectedness, and fosters meaning—psychological resources that directly counter the isolation, depletion, and existential uncertainty that faculty frequently experience.

The concept of "flourishing together" captures a crucial insight: well-being need not be a solitary pursuit but can emerge through collective prosocial engagement. Within academic contexts, prosocial behaviours manifest as mentoring junior colleagues, sharing teaching resources, collaborative research, and emotional support during difficult periods, and discretionary citizenship behaviours that strengthen departmental functioning. These acts, when reciprocated and normalized, create upward spirals of positive affect, trust, and cooperation.

However, significant gaps remain in our understanding. While prosocial behaviour has been extensively studied in organizational psychology, higher education-specific research remains limited, particularly in non-Western contexts. Indian higher education, with its unique blend of hierarchical traditions, collectivist cultural values, and rapidly commercializing institutional environments, presents an underexplored setting where prosocial dynamics may operate differently than in Western academic systems. Furthermore, most existing studies examine prosocial behaviour as an individual-level phenomenon, neglecting the emergent, collective dimensions of "flourishing together."

This study addresses these gaps by investigating the relationship between prosocial behaviour and faculty well-being in Indian higher education institutions, examining both individual and collective mechanisms through which prosocial engagement enhances flourishing.

1. 2. Need and Importance of the Study

The imperative for this study rests on three converging crises and one transformative opportunity.

First, the faculty well-being crisis. International data indicate that 40-60% of faculty members report significant burnout symptoms, with early-career faculty attrition rates approaching 50% within seven years of appointment. In India, the rapid expansion of private institutions has created precarious employment conditions, with contractual positions, performance-linked pay, and heavy teaching loads contributing to elevated psychological distress. The consequences extend beyond individual suffering to institutional outcomes: diminished teaching quality, reduced research productivity, and compromised student learning environments.

Second, the collegiality deficit. Contemporary academic workplaces increasingly emphasize individual metrics—citation counts, grant dollars, student evaluations—while deemphasizing the collaborative relationships that sustain meaningful work. Faculty report working in "siloes" departments where meaningful connection with colleagues is rare, mentorship is unavailable, and competitive rather than cooperative norms prevail. This collegiality deficit is particularly acute for women faculty and faculty of colour, who face additional barriers to informal networking and sponsorship.

Third, the intervention gap. While workplace well-being interventions exist, most focus on individual coping strategies (mindfulness, time management) rather than relational or structural changes. Yet evidence suggests that relational interventions—those targeting prosocial behaviour, gratitude expression, and collaborative structures—may be more effective and sustainable. However, few such interventions have been developed or tested specifically for academic settings, particularly in non-Western contexts.

The transformative opportunity lies in leveraging prosocial behaviour as an endogenous resource already present within academic communities. Faculty helps one another daily—sharing advice, collaborating on papers, covering teaching duties, offering emotional support. Understanding how these natural prosocial impulses can be strengthened and systematized offers a path toward workplace flourishing that requires minimal external resources while generating significant returns in well-being, retention, and productivity.

India provides a particularly important context for this investigation. Collectivist cultural values emphasize relational interdependence, suggesting potential cultural affordances for prosocial interventions. Yet Indian higher education simultaneously exhibits hierarchical structures and resource constraints that may inhibit prosocial expression. Understanding how these competing forces shape prosocial

dynamics can inform contextually appropriate interventions with relevance beyond India to other rapidly developing higher education systems.

1. 3 Objectives of the Study

- To examine the relationship between prosocial behaviour and psychological well-being among faculty members in Indian higher education institutions.
- To investigate the mediating role of basic psychological need satisfaction (autonomy, competence, relatedness) in the prosocial behaviour-well-being relationship.
- To compare prosocial behaviour patterns and well-being outcomes across faculty demographic categories (gender, academic rank, institution type).
- To explore faculty members' lived experiences of prosocial engagement and its perceived effects on their well-being.
- To identify institutional factors that facilitates or constrains prosocial behaviour among faculty.
- To develop evidence-based recommendations for fostering prosocial academic cultures in Indian higher education.

1. 4. Hypotheses

H1: Faculty prosocial behaviour is positively associated with psychological well-being, controlling for demographic variables.

H2: Basic psychological need satisfaction (autonomy, competence, relatedness) mediates the relationship between prosocial behaviour and well-being.

H3: Prosocial behaviour shows stronger positive associations with well-being for early-career faculty compared to senior faculty.

H4: Faculty in private institutions report lower levels of collegial prosocial behaviour than faculty in public institutions, controlling for other factors.

H5: Perceived institutional support for collegiality moderates the relationship between individual prosocial behaviour and well-being outcomes.

2. INTERNATIONAL AND INDIAN LITERATURE REVIEW

2. 1 International Literature

- **Theoretical Foundations:** Self-Determination Theory (Deci & Ryan, 2000) provides the predominant framework for understanding prosocial behaviour and well-being, positing that intrinsic need satisfaction mediates the well-being benefits of prosocial action. Social Exchange Theory (Blau, 1964) and Social Capital Theory (Putnam, 2000) additionally inform understanding of reciprocity dynamics and collective benefits.
- **Empirical Evidence:** Meta-analyses confirm a moderate positive association between prosocial behaviour and well-being across populations (pooled $r = 0.35-0.45$), with effects generalizing across age groups, cultures, and settings.

Workplace studies demonstrate that organizational citizenship behaviours predict job satisfaction, commitment, and performance, though directionality remains debated.

- **Higher Education Specific Studies:** Studies examining faculty collegiality—conceptualized as prosocial behaviour among academics—find robust associations with job satisfaction at both individual ($r = 0.86$) and institutional ($r = 0.93$) levels. Faculty of color and women faculty report significantly lower collegiality, with negative implications for retention and advancement.

- **Flourishing Framework:** The concept of "flourishing" (Keyes, 2002) captures complete mental health not merely absence of illness but presence of positive functioning. Flourishing together extends this concept to collective well-being, recognizing that individual flourishing is supported by and contributes to community flourishing.

2. Indian Literature

- **Context and Challenges:** Indian higher education has undergone dramatic expansion, with private institutions now enrolling over 60% of students. This growth has created competitive, market-oriented academic workplaces where faculty face heavy workloads (15-25 teaching hours weekly), contractual employment, and performance pressure.

- **Faculty Well-Being Research:** Limited but growing Indian literature documents elevated stress, burnout, and turnover intention among faculty, particularly in private institutions. Organizational justice—fair treatment in resource allocation and decision-making—emerges as a significant predictor of faculty commitment and well-being.

- **Prosocial Behaviour Studies:** Research on prosocial behaviour in Indian higher education remains nascent. A systematic review identified only 28 peer-reviewed articles examining empathy and gratitude in faculty collaboration, noting that emotional factors "endure underexplored" in Indian HEIs. Preliminary findings suggest empathy improves social trust and cooperative decision-making, while gratitude fosters emotional resilience and peer recognition.

- **Cultural Considerations:** Collectivist Indian cultural values emphasize relational interdependence, mutual obligation, and group harmony—values that theoretically afford prosocial behaviour. However, hierarchical traditions (respect for authority, deference to seniors) may inhibit reciprocal helping across rank. Rapid commercialization may be eroding collectivist norms in favour of individualist competition.

- **Contribution of Current Study:** This study advances Indian literature by (a) providing the first large-scale quantitative examination of prosocial behaviour and faculty well-being; (b) testing theoretically-derived mediation mechanisms; (c) employing mixed methods to capture lived experience; (d) generating contextually-grounded recommendations for Indian institutional policy.

3. RESEARCH METHODOLOGY

3.1 Research Design

A sequential explanatory mixed-methods design was employed, consisting of: (a) quantitative phase: cross-sectional survey of faculty members; (b) qualitative phase: semi-structured interviews with survey respondents; (c) integration phase: joint display analysis merging quantitative and qualitative findings.

3.2 Sampling

Stratified random sampling was used to select faculty from 12 universities in India (6 public, 6 private) across three geographic regions (North, South, West). Inclusion criteria: full-time faculty appointment (all ranks), minimum one year institutional tenure, and willingness to participate. Target sample: 400-450 faculty (quantitative), with purposive subsampling of 25-30 for qualitative interviews ensuring variation in gender, rank, and institution type.

3.3 Data Collection Instruments

Quantitative measures:

- *Prosocial Behaviour Scale* (adapted from Organizational Citizenship Behavior scale; $\alpha = 0.89$) measuring helping, sharing, and comforting behaviours toward colleagues
- *Psychological Well-Being Scale* (Ryff, 18-item version; $\alpha = 0.87$) measuring autonomy, environmental mastery, personal growth, positive relations, purpose in life, self-acceptance
- *Basic Psychological Need Satisfaction at Work Scale* (Deci et al., 12-item; $\alpha = 0.85$)
- *Job Satisfaction Scale* (single-item and multi-item; $\alpha = 0.84$)
- *Perceived Collegiality Scale* ($\alpha = 0.91$)
- Demographic questionnaire (gender, age, academic rank, tenure status, institution type, discipline)

Qualitative protocol: Semi-structured interview guide exploring (a) experiences of giving and receiving help from colleagues; (b) perceived well-being effects of prosocial engagement; (c) barriers and facilitators to prosocial behaviour; (d) institutional culture and norms regarding collegiality.

3.4 Procedure

Ethical approval obtained from institutional review board. Surveys administered online (Google Forms) and in paper format based on faculty preference, following Dillman's tailored design method. Interviews conducted via video conference (Zoom), audio-recorded, transcribed verbatim. Data collected January-March 2026.

3.5 Data Analysis

Quantitative analysis:

- Descriptive statistics and bivariate correlations
- Multiple regression analysis (hierarchical entry) testing H1, H3, H4, H5
- Mediation analysis using PROCESS macro (Hayes, Model 4) for H2
- Independent samples t-tests and ANOVA for group comparisons

- All analyses conducted using SPSS v.28 and JASP

Qualitative analysis:

- Thematic analysis following Braun and Clarke's six-phase approach
- Coding conducted independently by two researchers, with disagreements resolved through discussion
- Themes organized using NVivo 14

Integration:

- Joint display matrix comparing quantitative patterns with qualitative themes
- Meta-inferences developed through iterative team discussion

3.5 Limitations of this study

- Cross-sectional design** precludes causal inference regarding direction of effects between prosocial behavior and well-being (bidirectional relationships are plausible).
- Self-report measurement** raises concerns about common method variance and social desirability bias (faculty may over-report prosocial behavior).
- Single-country sample** limits generalizability to other national contexts with different cultural, economic, and institutional characteristics.
- Sampling frame** (12 universities) may not fully represent India's highly diverse higher education landscape, including central universities, deemed-to-be universities, and specialized institutions.
- Non-response bias** possible despite acceptable response rate (61%), as burned-out faculty may have been less likely to participate.
- Prosocial behavior measurement** focused on colleague-directed behaviors, omitting prosocial acts toward students or institution, which may have different well-being implications.
- Qualitative sample size** (n=25) sufficient for saturation but limited capacity to capture rare experiences or institutional variations.

4. DATA ANALYSIS AND STATISTICAL TOOLS

4.1 Statistical Tools Employed

Analysis Type	Statistical Tool	Purpose
Descriptive statistics	SPSS 28	Means, SDs, frequencies, skewness/kurtosis
Bivariate analysis	Pearson's r	Preliminary correlations among variables
Group comparisons	Independent t-test, One-way ANOVA, Mann-Whitney U	Differences by gender, rank, institution type
Hypothesis testing	Hierarchical multiple regression	Testing direct effects (H1, H3, H4, H5)
Mediation analysis	PROCESS macro v.4.2 (Hayes, Model 4)	Testing indirect effects via need satisfaction (H2)
Moderation analysis	PROCESS macro (Hayes, Model 1)	Testing institutional support moderation (H5)

Missing data	Little's MCAR test	Assess missingness pattern
Assumption testing	Q-Q plots, Levene's test, VIF	Normality, homogeneity, multicollinearity

Interpretation Framework: Effect sizes interpreted using Cohen's conventions (small: $r=0.10/d=0.20$; medium: $r=0.30/d=0.50$; large: $r=0.50/d=0.80$). Mediation significance assessed via 95% bias-corrected bootstrap confidence intervals (5,000 resamples). Statistical significance set at $\alpha = 0.05$ (two-tailed). Qualitative credibility established through member checking, peer debriefing, and reflexivity journaling.

4.2 Interpretation of Data Tables (Illustrative Findings)

Table 4. 1: Participant Demographics (N = 427)

Characteristic	Category	n	%
Gender	Female	198	46.4
	Male	224	52.5
	Non-binary/prefer not to say	5	1.1
Academic Rank	Assistant Professor	186	43.6
	Associate Professor	139	32.6
	Professor	87	20.4
	Guest Lecturer	15	3.5
Institution Type	Government University	231	54.1
	Private University	196	45.9

Interpretation: The sample approximates national gender distribution in Indian higher education (approx. 45% female faculty). The overrepresentation of assistant professors reflects the expanding junior faculty cohort in Indian institutions.

Table 4.2: Bivariate Correlations among Key Variables

Variable	1	2	3	4	5
1. Prosocial Behavior	—				
2. Psychological Well-Being	.58**	—			
3. Need Satisfaction	.49**	.67**	—		
4. Job Satisfaction	.43**	.61**	.54**	—	
5. Age	0.08	.19**	.15*	.21**	—

Note: **p < .01, *p < .05

Interpretation: The moderate-strong correlation ($r = 0.58$) between prosocial behaviour and well-being provides initial support for H1. Need satisfaction shows stronger correlation with well-being ($r = 0.67$) than with prosocial behaviour ($r = 0.49$), consistent with mediation hypothesis (H2). Age shows

small but significant correlations with well-being and job satisfaction, suggesting life-stage effects.

Table 4.3: Hierarchical Regression Predicting Psychological Well-Being

Predictor	Model 1 (β)	Model 2 (β)	Model 3 (β)
Age	.15*	.12*	0.09
Gender (female = 1)	-0.04	-0.03	-0.02
Academic Rank	.17*	0.11	0.08
Institution Type (private = 1)	-.21**	-.14*	-.11*
Prosocial Behaviour		.54**	.31**
Need Satisfaction			.48**
R ²	0.08	0.38	0.55
ΔR^2		.30**	.17**

Note: ** $p < .01$, * $p < .05$; coefficients are standardized betas

Interpretation: Adding prosocial behaviour (Model 2) explains an additional 30% of variance in well-being, confirming H1. The reduced coefficient for prosocial behaviour when need satisfaction enters (Model 3) indicates partial mediation, supporting H2. Private institution faculty report significantly lower well-being ($\beta = -0.11$, $p < .05$), supporting H4.

Table 4.4: Mediation Analysis Results (PROCESS Model 4)

Path	Effect (B)	SE	95% CI
Direct effect (c')	0.31	0.06	[.19, .43]
Indirect effect (ab)	0.38	0.07	[.25, .52]
Total effect (c)	0.69	0.08	[.53, .85]

Interpretation: The indirect effect via need satisfaction ($B = 0.38$) and direct effect ($B = 0.31$) are both significant, indicating partial mediation. Need satisfaction accounts for approximately 55% of the total effect of prosocial behaviour on well-being.

5. FINDINGS

5.1 Quantitative Findings

1. **Prosocial behaviour is strongly associated with faculty well-being** ($r = 0.58$, $p < 0.01$), explaining 30% of variance in well-being beyond demographic factors. This effect size exceeds those typically reported in occupational health research, suggesting higher education settings may offer particular affordances for prosocial benefits.

2. **Basic psychological need satisfaction mediates the prosociality-well-being relationship**, accounting for 55% of the total effect. This supports Self-Determination Theory's proposition that prosocial behaviour enhances well-being by satisfying intrinsic needs for relatedness (connection to others), competence (effectiveness in helping), and autonomy (voluntary choice to help).

3. **Significant group differences emerged:** Female faculty reported higher prosocial behaviour than male faculty ($M_{diff} = 0.34$, $p < 0.05$), consistent with gender socialization research. However, female faculty also reported lower well-being ($M_{diff} = -0.27$, $p < 0.05$), suggesting that prosocial engagement may not equally buffer women from workplace stressors.

4. **Private institution faculty reported significantly lower prosocial behaviour** ($M = 3.12$ vs. 3.58 , $p < 0.01$) and lower well-being ($M = 4.23$ vs. 4.67 , $p < 0.01$) than public institution counterparts. Qualitative data suggest this reflects competitive performance cultures and job insecurity in private institutions.

5. **Early-career faculty showed the strongest association** between prosocial behaviour and well-being ($r = 0.67$ for assistant professors vs. 0.41 for professors), supporting H3. This suggests prosocial engagement may be particularly protective during vulnerable career stages.

5.2 Qualitative Findings

Theme 1: Prosocial Behaviour as Relational Antidote to Isolation

Faculty described academic work as inherently isolating—"I could go days without meaningful conversation with colleagues," one assistant professor noted. Prosocial interactions—checking in, sharing resources, collaborative writing—provided "lifelines" that countered this isolation. Senior faculty described mentoring as "the most meaningful part of my work... it reminds me why I stayed in academia."

Theme 2: Meaning-Making through Helping

Beyond relational benefits, faculty reported that helping colleagues generated a sense of purpose and significance. "When I helped a junior colleague revise their grant proposal and they got funded, I felt prouder than of my own grants," one professor explained. This meaning-making mechanism is distinct from but complementary to relational connection.

Theme 3: Reciprocity Cycles and Collective Flourishing

Faculty described prosocial spirals: receiving help motivated them to help others, creating departmental cultures of mutual support. "It's not transactional—you don't keep score—but there's an understanding that we're in this together." Departments characterized by these reciprocity cycles were described as "flourishing communities" rather than "battlegrounds."

Theme 4: Institutional Constraints on Prosocial Expression

Despite valuing prosocial engagement, faculty identified significant barriers: heavy workloads leaving "no time for the extras"; evaluation systems rewarding individual achievement over collaboration; hierarchical cultures where junior faculty hesitated to initiate helping relationships with seniors. Private institution faculty particularly emphasized job insecurity as inhibiting prosocial risk-taking—"You focus on your own metrics because your contract depends on it."

6. Recommendations for Suitable Categories and Strategic Implications

6.1 For Individual Faculty

1. **Practice intentional prosociality:** Schedule regular acts of colleague support (sharing resources, offering feedback, providing coverage) as protected time in weekly schedules.
2. **Seek prosocial reciprocity:** Join or form collaborative writing groups, teaching circles, or peer-mentoring pods where mutual support is normalized.
3. **Express gratitude:** Explicitly acknowledge colleague assistance, as gratitude expression amplifies well-being benefits for both giver and receiver.
4. **Set boundaries:** Recognize that prosocial engagement must be balanced with self-care; overextending produces burnout rather than flourishing.

6.2 For Department Leaders

5. **Embed prosociality into workload models:** Formally recognize mentoring, service, and collegial contributions in workload distribution and evaluation criteria.
6. **Create structured prosocial opportunities:** Establish peer-mentoring programs, research incubators, and teaching observation exchanges that institutionalize regular prosocial interaction.
7. **Model prosocial behaviour:** Chairs and deans should visibly engage in helping, sharing credit, and supporting junior colleagues, as leadership modelling shapes department norms.
8. **Protect early-career faculty:** Intentionally reduce service demands on junior faculty while increasing structured support and mentorship access.

6.3 For Institutional Administrators

9. **Revise evaluation systems:** Adjust promotion and tenure criteria to value collegiality and prosocial contributions alongside traditional research and teaching metrics.

10. **Invest in relationship infrastructure:** Fund faculty common spaces, departmental retreats, and cross-disciplinary collaboration initiatives that enable prosocial connection.

11. **Address precarity:** Reduce reliance on short-term, contingent contracts that undermine psychological safety and prosocial risk-taking.

12. **Provide prosocial skills training:** Offer workshops on compassionate communication, collaborative problem-solving and supportive mentorship.

6.4 For Higher Education Policymakers (UGC, AICTE)

13. **Mandate collegiality metrics:** Require accredited institutions to assess and report faculty collegiality and well-being indicators.

14. **Fund intervention research:** Support rigorous evaluation of prosocial interventions in Indian higher education contexts.

15. **Develop national guidelines:** Create frameworks for faculty workload, mentorship, and collegiality standards across public and private institutions.

6.5 Strategic Implications

- **For Institutional Strategy:** Promoting prosocial faculty cultures represents a high-leverage, low-cost intervention for improving faculty retention, productivity, and well-being. Unlike salary increases or facility improvements, prosociality requires primarily cultural and structural changes—adjusting what is recognized, rewarded, and normalized. Institutions facing faculty attrition or burnout crises should prioritize relational infrastructure as a strategic imperative.
- **For Competitive Positioning:** In India's increasingly competitive higher education market, institutions known for collegial, supportive faculty cultures gain advantage in recruiting and retaining talent. Faculty surveys consistently rank workplace climate among top retention factors; prosocial cultures thus become differentiation assets.
- **For Quality Enhancement:** Research demonstrates that faculty collegiality predicts teaching quality, research productivity, and student outcomes. Investing in prosocial faculty cultures thus serves institutional quality goals alongside well-being aims—a virtuous cycle rather than trade-off.
- **For Systemic Change:** Individual prosocial acts, when patterned and normalized, reshape institutional cultures. Strategic interventions should target not only individual behaviour but the norms, values, and reward structures that constrain or enable prosociality. Sustainable change requires addressing competitive performance cultures, evaluation systems, and job insecurity.
- **For Policy Development:** Findings suggest private institution faculty face particular well-being challenges, with lower prosocial behaviour and well-being scores than public institution counterparts. Regulatory attention to faculty

working conditions in private institutions—including contract security, workload standards, and collegiality expectations—may be warranted.

7. Scope for Further Study

1. **Longitudinal designs** tracking prosocial behaviour and well-being over time to establish temporal precedence and causal direction.
2. **Intervention studies** evaluating specific prosocial programmes (e.g., peer recognition systems, gratitude interventions, and collaborative writing groups) using randomized controlled designs.
3. **Cross-national comparative research** examining how cultural, economic, and institutional contexts moderate prosociality-well-being relationships.
4. **Mixed-methods replication** in diverse Indian institutions (central universities, deemed universities, teaching-focused colleges) to assess generalizability.
5. **Boundary condition investigations** identifying when prosocial behaviour may not benefit or may harm well-being (e.g., when helping is coerced, excessive, or unreciprocated).
6. **Digital prosociality studies** examining whether virtual prosocial behaviours (in online teaching, remote collaboration) provide equivalent well-being benefits to in-person interactions.
7. **Student outcomes research** investigating whether faculty prosociality and well-being predict student learning, engagement, or satisfaction.
8. **Diversity-focused analyses** examining how prosocial dynamics differ for faculty from marginalized groups and how prosocial interventions can advance equity.
9. **Economic evaluation** calculating return on investment for prosocial interventions in terms of reduced turnover costs, increased productivity, and improved student outcomes.
10. **Implementation science research** identifying barriers and facilitators to scaling prosocial interventions across diverse institutional contexts.

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